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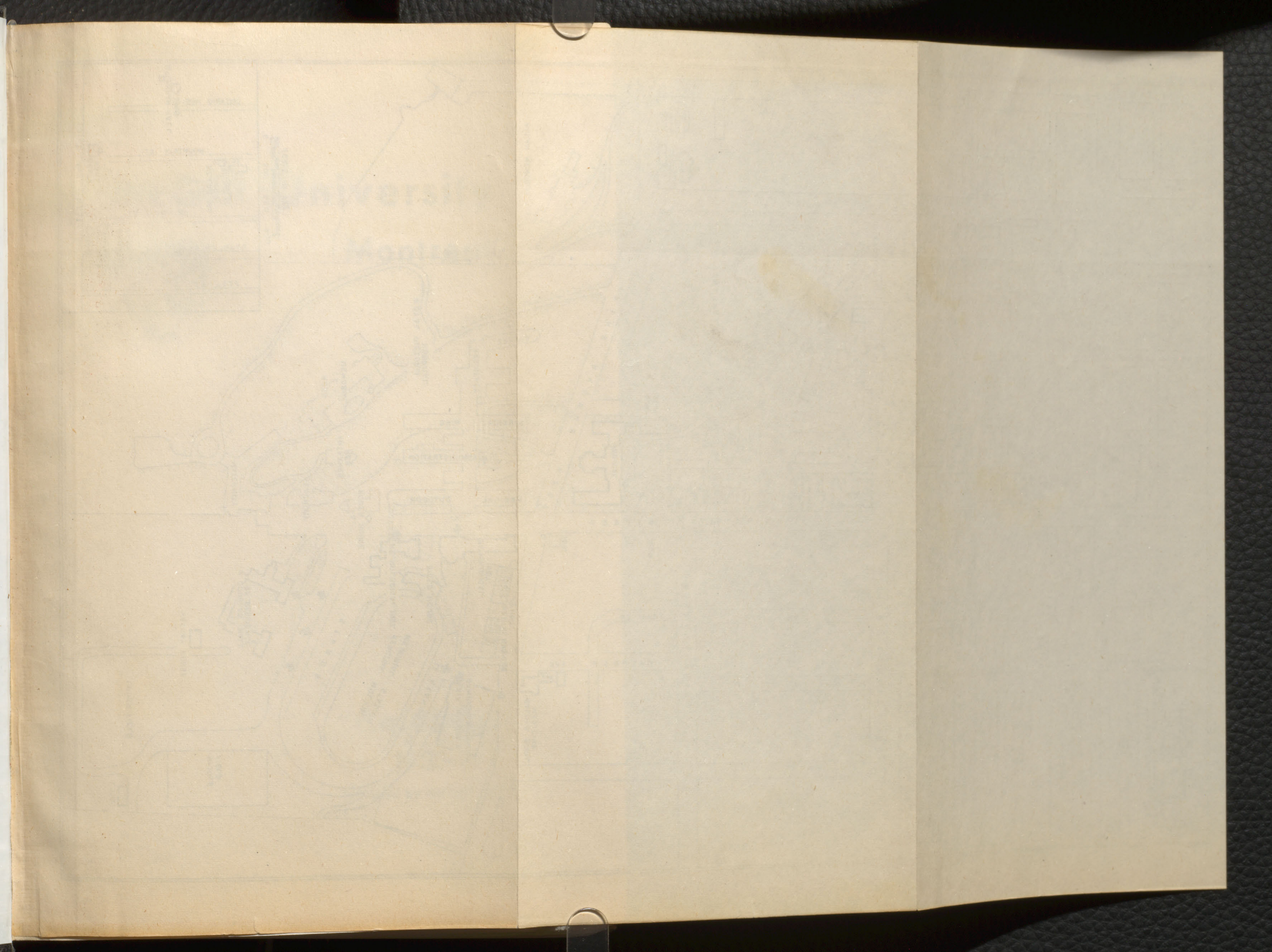
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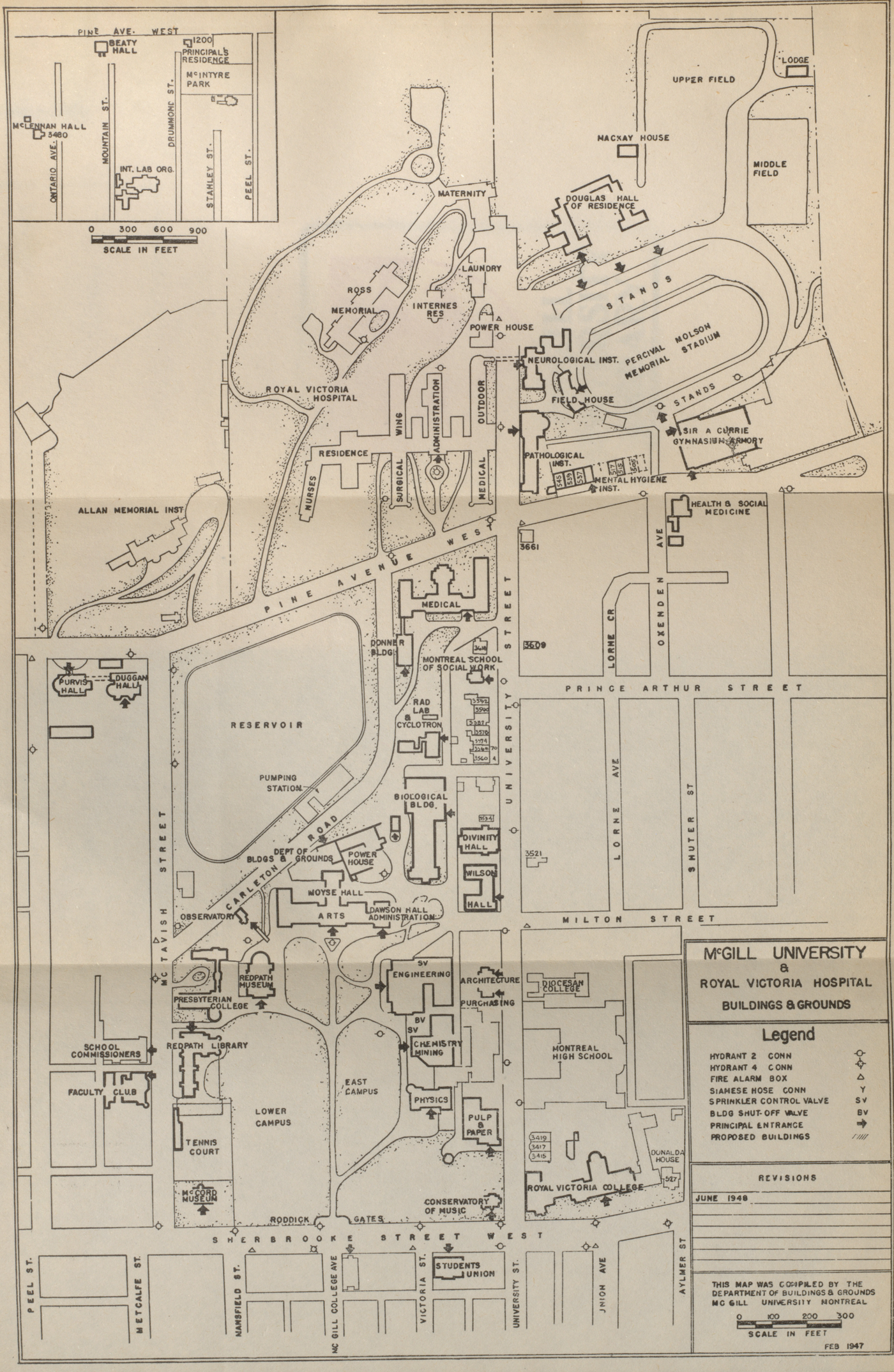


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1950-1951

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Printed in Canada by Southam Press Montreal

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McGill University

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Directory of Staff

Date of issue: 1st November, 1950

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The entries on pages 3 to 20 have been revised to 1st November, 1950.

Pages 41 to 106 are, for technical reasons, reprinted without change from the 1949-1950 Directory of Staff.

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Lecturer in Experimental Surgery — *Donner Building*
456 Pine Ave. W.

EDWARD CLARK WEBSTER, M.A., Ph.D.
Associate Professor of Psychology, and Director of the Personnel Appraisal Institute — *Arts Building*
75 Ballantyne Ave. N., Montreal West

JOHN G. WEEKS, B.Sc. (Alta.)
Lecturer in Electrical Engineering — *Engineering Building*
2266 Regent Ave.

PAUL GREGORY WEIL, B.A. (North Carolina), M.Sc., M.D., C.M., Ph.D.
Lecturer in Medicine — 1374 Sherbrooke St. W.

WILLIAM K. WELCH, B.Sc. (Pittsburg), M.D. (Yale), M.Sc.
Demonstrator in Neurosurgery — *Montreal Neurological Institute*

JOHN CATHCART WELDON, B.A.
Lecturer in the School of Commerce — *Duggan House*
6937 Durocher St.

ARTHUR FREDERICK WELLS
Demonstrator in Agricultural Chemistry — *Macdonald College*

ARTHUR H. WESTBURY, F.C.I.S.
Lecturer in Commerce — 4564 Patricia Ave.

CARL HENRY WESTCOTT, B.Sc. (Lond.), Ph.D. (Cantab.)
Associate Professor of Physics — *Physics Building*
4635 Clanranald Ave.

JAMES W. WESTCOTT, B.A. (Sask.)
Assistant in Psychology — *McConnell Hall*
484 Strathcona Ave.

BASIL JOHN P. WHALLEY, B.Sc. (Dalhousie)
Student Demonstrator in Chemistry — *Chemistry Building*
Apt. 7, 1642 Lincoln Ave.

RUPERT ADAMS WHEATLEY, D.D.S., L.D.S. (Eng.)
Demonstrator in Dentistry — 1414 Drummond St.

ORSON SHOREY WHEELER, B.A. (Bishop's), A.R.C.A.
Demonstrator in Architecture — *3484 University St.*
1441 Drummond St.

NORMAN STANLEY WHITALL, B.Sc.
Demonstrator in Chemistry — *Chemistry Building*

JAMES M. WHITE, B.E. (Johns Hopkins)
Assistant Professor of Mechanical Engineering — *Engineering Building*

WALTER E. WHITEHEAD, M.Sc.
Assistant Professor of Entomology — *Macdonald College*

THE REV. CANON F. L. WHITLEY, M.A. (Bishop's), L.Th. (Diocesan Theol. Coll.)
Honorary Lecturer in Religious Instruction — *Macdonald College*

JOHN H. WHITSIDE, M.D. (Tor.)
Demonstrator in Pathology — *Pathological Institute*

ANGUS WHITTIER, B.Sc. (Queen's)
Demonstrator in Physics — *Physics Building*, 3280 Barclay Ave.

ALLAN KITCHENER WIEBE, B.Sc.
Demonstrator in Chemistry — *Chemistry Building*

ROBERT M. WIENER, M.S. (Chicago), D.D.S.
Demonstrator in Dentistry — 1533 Mackay St.

G. EARLE WIGHT, M.D., C.M.
Demonstrator in Medicine — 1538 Sherbrooke St. W.

FREDERICK WILLIAM WIGLESWORTH, M.D. (Man.)
Lecturer in Pathology — *Children's Memorial Hospital*

CHARLES JAMES WILEY, M.S. (Massachusetts), A.B. (Pennsylvania)
Demonstrator in Chemistry — *Chemistry Building*, 249 Melville Ave., Westmount

ARCHIBALD L. WILKIE, B.A. (St. Francis-Xavier), M.D., C.M.
Associate Professor of Surgery — 1374 Sherbrooke St. W.

F. ARTHUR HARVEY WILKINSON, M.D., C.M., D.A. (R.C.P. & S., Eng.), F.I.C.A.
Assistant Professor of Anaesthesia — 406 Pine Ave. W.

MARY KENNEDY WILKINSON, (MRS. R. E.), B.A. (Sask.), B.Sc.
Instructor in Physical Education in the School for Teachers — *Macdonald College*

ROBERT EDWIN WILKINSON, B.Sc. (P.Ed.)
Lecturer in Physical Education — *Currie Gymnasium*, 3506 University St.

W. LLOYD G. WILLIAMS, B.A. (Haverford), M.A. (Oxon.), Ph.D. (Chicago), D.-ès-S. (Montréal), F.R.S.C.
Professor of Mathematics — *Engineering Building*, 1635 Selkirk Ave.

CHARLES LAIRD WILSON, M.D., C.M., F.R.C.S. (C.)
Demonstrator in Surgery — 1538 Sherbrooke St. W.

STUART A. WILSON, B.Arch.
Assistant Professor of Architecture — *3484 University St.*, 2282 Belgrave Ave., N.D.G.

VALENTINE WILLIAM GIBSON WILSON, M.Sc. (M.I.T.), B.Sc.
Assistant Professor of Civil Engineering and Superintendent of the Testing Laboratory — *Engineering Building*, 227 Strathearn Ave.

CARL A. WINKLER, O.B.E., M.Sc. (Man.), D.Phil. (Oxon.), Ph.D., F.R.S.C.
Professor of Chemistry — *Chemistry Building*, 141 Easton Ave., Montreal West

ALBERT REGINALD WINN, B.Sc., D.D.S.
Lecturer in Dentistry — 1538 Sherbrooke St. W.

LAZARE WISEBLATT, B.Sc.
Demonstrator in Agricultural Chemistry — *Macdonald College*

SYLVIA WISEMAN, B.A.
Assistant in Economics and Political Science — *Duggan House*, Apt. 18, 3295 Ridgewood Ave.

RICHARD H. WISNEY, B.Sc. (Glasgow)
Lecturer in Mechanical Engineering — *Engineering Building*, 4745 Queen Mary Rd.

ROBERT W. WOLFGANG, B.A. (Ashland)
Demonstrator in Parasitology — *Macdonald College*

WINONA WOOD, B.A., B.Ed. (Sask.), M.A. (Columbia), Dip. M.S.P.E.
Assistant Professor in the Department of Athletics, Physical Education, and Recreation — *Royal Victoria College*, Apt. 20, 3561 Peel St.

RACHEL E. LESLIE WOODBURN, B.A. (Queen's), M.A. (Middlebury)
Lecturer in the School for Teachers — *Macdonald College*

VERNON RICH WOODFORD, B.S. (Charleston), M.Sc.
Demonstrator in Biochemistry — *Biological Building*, Apt. 2, 554 Milton St.

WILLIAM DUDLEY WOODHEAD, B.A. (Oxon.), M.A. (Alta.), Ph.D. (Chicago)
Hiram Mills Professor of Classics, and Chairman of the Department — *Arts Building*, Apt. 302, 3375 Ridgewood Ave.

DONALD HARRY WOODHOUSE, M.D. (Western Ontario)
Teaching Fellow in Medicine — *Montreal General Hospital*

HARRY DOUGLAS WOODS, B.A. (U.N.B.), M.A.
Director of the School of Commerce, Associate Professor of Industrial Relations, and Building Director of Purvis Hall and Duggan House — *Purvis Hall*, 30 Easton Ave., Montreal West

HELEN M. WOODS (MRS. J.), B.A.
Assistant in English — *Arts Building*, Box 41, Macdonald College

JAMES PARKE WOODS, B.Sc. (Agr.)
Demonstrator in Agricultural Physics — *Macdonald College*, Box 41, Macdonald College

FREDERICK MYLES WOOLHOUSE, B.Sc. (Sask.), M.D., C.M., F.R.C.P. (C.)
Demonstrator in Surgery — 1538 Sherbrooke St. W.

GARNET ALEXANDER WOONTON, M.A. (Western Ontario)
Professor of Physics, and Director of the Eaton Electronics Laboratory — *Physics Building*, 7400 de Tilley St.

ERNEST MILNE WORDEN, M.D. (Tor.)
Lecturer in Paediatrics — 1390 Sherbrooke St. W.

E. WALTER WORKMAN, M.D., C.M., M.Sc.
Lecturer in Anatomy — 1538 Sherbrooke St. W.

HENRY PUTTENEY WRIGHT, B.A. (Bishop's), M.D., C.M.
Assistant Professor of Medicine — 1414 Drummond St.

ISOBEL L. WRIGHT, M.D. (Tor.)
Demonstrator in Paediatrics — 1414 Drummond St.

PHILIP A. WRIGHT
Assistant in Plant Pathology — *Macdonald College*

CHARLES FREDERICK WRIGLEY, M.A. (N.Z.), Ph.D. (Lond.)
Assistant Professor of Psychology — *McConnell Hall*
Peterson Residences

LIANG-YU WU, M.S. (Lingnan)
Demonstrator in Parasitology — *Macdonald College*

BASIL SELIG YAMEY, B.Com. (Cape Town)
Associate Professor in the School of Commerce — *Purvis Hall*
Apt. 3, 4876 Cote des Neiges Rd.

HAVELOCK HOWARD YATES, B.Sc.
Demonstrator in Chemistry — *Chemistry Building*
39 Staynor Ave., Westmount

GERTRUDE YEATS, Model School Diploma Certificate (S.G.N.), R.N.
Instructor in Obstetrical Nursing — *Royal Victoria Hospital*

ARTHUR W. YOUNG, M.D., C.M., F.R.C.P. (C.)
Assistant Professor of Neurology — *Montreal Neurological Institute*
1390 Sherbrooke St. W.

EVA R. YOUNGE, B.A. (Alta.), M.A.
Assistant Professor in the School of Social Work — *3600 University St.*
Apt. 4, 1650 Sherbrooke St. W.

BOGDAN ZABORSKI, Ph.D. (Warsaw), Docent (Cracow)
Associate Professor of Geography — *Arts Building*
4384 Sherbrooke St. W.

ANNE B. ZALOHA, Ph.B. (Chicago), M.A. (Northwestern)
Assistant Professor of Social Work — *3600 University St.*
1489 Atwater Ave.

HANS JULIUS ZASSENHAUS, M.A. (Glasgow), Dr. Rer. Nat., Dr. Habil. (Hamburg)
Professor of Mathematics — *Arts Building*

UNIVERSITY SCHOLARS 1949-50—*With dates of first award*

ARTS AND SCIENCE

Henry Abramovitch.....1949
H. Don Allen.....1948
Tom Asimakopulos.....1949
Barbara Bain.....1949
Bernice Bloom.....1948
Peter C. Briant.....1948
Vivian E. H. Brooks.....1948
Donald A. Dennis.....1948
Doreen D. Dowd.....1948
Keith N. Drummond.....1948
Ainsley U. Dujon.....1949
Andrew G. Engel.....1949
Brian C. Goodwin.....1948
Carl A. Goresky.....1949
Nancy C. Inglis.....1949
Myrna Israelovitch.....1946
Kenneth H. Kapphahn.....1949
Arthur Kerman.....1946
William J. Lawand.....1949
Mark C. Levine.....1946
Gerald M. Litzky.....1949
Russell G. McGillivray....1949
John W. O'Brien.....1949
Hyman Rodman.....1948
Neysa Rosen.....1947
David Sussman.....1949
Sabina Teller.....1948
Douglas L. Thomson.....1948
Bernard Trossman.....1949
George Zyskind.....1949

MEDICINE

Paul A. Christie.....1949
Emmanuel R. Ghent.....1947
Mary Mitham.....1944
Sydney Shaner.....1947
Maurice A. Vernon.....1949
Constantine Vitou.....1949

ENGINEERING

John Adjeleian.....1949
Theodosios Bay.....1948
Jack B. Bodtker.....1947
Jacques Bonneville.....1947
Jack Bordan.....1947
Immanuel Braverman.....1948
Ross E. Chamberlain.....1948
Irving G. Fraser.....1949
Boris Gardavsky.....1947
Renato Girolami.....1949
Nicholas Grecco.....1947
John W. Harper.....1947
Richard C. Johnston.....1948
John J. Jonas.....1949
David H. Kennedy.....1947
Branislaw G. Kowalski.....1948
George Lee.....1948
Ronald Leonard.....1947
John G. Melvin.....1947
Charles G. Midwinter.....1949
Ernest R. Morton.....1947
Jack Nikolaidis.....1949
Louis Orbane.....1947
John C. Osler.....1947
David W. Peat.....1947
Louis Segal.....1948
Aris Stamatopoulos.....1949

LAW

Edward H. K. Hugessen....1948
Raymond LaChapelle.....1949
Perry Meyer.....1945
Neil Phillips.....1948
Ernest E. Saunders.....1948

MACDONALD COLLEGE

Robert S. Bigelow.....1948
Kenneth A. Walsh.....1949

A BRIEF HISTORY OF THE UNIVERSITY

In 1813 the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died and left in his will a property of forty-six acres and a sum of £10,000 to the already existing Royal Institution for the Advancement of Learning upon condition that the latter erected "upon the said tract or parcel of land, an University or College, for the purposes of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

Owing to a lack of funds and persistent opposition the complete University, which had been planned by the Royal Institution, was not built, but after years of litigation and effort, the University of McGill College was opened in 1829 with what remained of James McGill's legacy as its endowment; and teaching then started in the Faculties of Medicine and Arts. The Medical Faculty grew steadily, but the Faculty of Arts had a most delicate infancy, and by the middle of the century was still scarcely alive. In 1852 an amended Charter was secured and a new era of progress and success began with the appointment in 1855 of Sir William Dawson as Principal, a position which he held for thirty-eight years.

Since 1855 the University has grown vigorously, dividing itself into further faculties. In 1899 the Royal Victoria College was opened, a gift of Baron Strathcona, to provide separate teaching and residential facilities for women students. Gradually, however, classes for men and women were merged, and now the University is almost completely coeducational. In 1907 Macdonald College was established at Ste. Anne de Bellevue, as a residential college for Agriculture, Household Science, and the School for Teachers. This general development was greatly facilitated by the generosity of Sir William Macdonald, whose gifts to the University included a Physics Building, a Chemistry and Mining Building, and a new Engineering Building, in addition to the college named after him.

The University had about a thousand students at the beginning of the present century. Before the First World War the number had approximately doubled and after the Second World War it rose rapidly until it reached over eight thousand in the 1948-49 session. During this half-century benefactors, both public and private, have brought the total endowments to more than $50,000,000. New buildings have been erected or acquired to provide the undergraduate and research facilities needed by the increased student body. These include Douglas Hall and Wilson Hall residences for men and a large extension of the Royal Victoria College for women. Since 1945 the following buildings have

been added: Purvis Hall for the School of Commerce, Chancellor Day Hall for the Faculty of Law, new quarters for the Faculty of Music, the Donner Building for medical research, the Radiation Laboratory and Cyclotron, and the Eaton Electronics Building. A new Physical Sciences Centre will be opened during the 1950-51 session and a large extension of the Redpath Library commenced. The Sir Arthur Currie Memorial Gymnasium and Armoury, built in 1939, has been extended to include a swimming pool which will be opened in 1950. A similar growth has been maintained in the buildings and equipment of Macdonald College.

A history of the University, "McGill and Its Story," by Professor Cyrus Macmillan, is published by the Oxford University Press, Toronto.

GOVERNMENT OF THE UNIVERSITY

McGill University is a Corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor General as *Visitor*.

The *Governors* of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec, part of the official organization of the Province, but completely self-governing. In them is vested the management of finances, the appointment of professors, and other important duties. Three of the Governors are elected by the members of the Graduates' Society and other appointments are made by the nomination of the remaining members with the approval of the Visitor. The President of the Board of Governors is, *ex officio*, *Chancellor* of the University.

The *Principal* is the academic head and chief administrative officer. He is appointed by the Board of Governors (of which body he is a member). He also holds the office of Vice-Chancellor of the University.

Senate consists of the Chancellor, the Principal, the Deans of the Faculties, the Warden of the Royal Victoria College, the Director of the School for Teachers, the Director of Extension Courses, the Director of Athletics, and the four Group Chairmen of the Faculty of Arts and Science, all *ex officio;* five Governors elected by the Board; and eight professors elected by the various faculties. The Principal is Chairman of Senate, which is the highest academic authority of the University and has control over admission, courses of study, discipline, and degrees.

The carrying out of the regulations of Senate along with primary responsibility for the conduct of the educational work of the University, is entrusted to the several Faculties and Schools.

INCORPORATED AND AFFILIATED COLLEGES

INCORPORATED COLLEGES

Macdonald College is situated at Ste. Anne de Bellevue, about twenty-five miles from Montreal. It consists of the Faculty of Agriculture, the School of Household Science, and the School for Teachers. All courses leading to the Bachelor's and Master's degrees are under the control of the Senate of McGill University; all the short term courses in agriculture, as well as the shorter courses in domestic science, are under the direction of the Faculty of Agriculture; and those for diplomas to teach in the Province of Quebec are prescribed and regulated by the Department of Education. For further particulars see pages 4501 to 4628.

The Royal Victoria College is the Women's College of McGill University. For further particulars, see pages 307 to 310.

AFFILIATED THEOLOGICAL COLLEGES

The Montreal Diocesan Theological College—Principal, Rev. W. A. Ferguson, M.A., B.D., 3473 University Street.

The United Theological College of Montreal—Principal, Rev. George G. D. Kilpatrick, B.A., D.D., 3506 University Street.

(NOTE: The above two Colleges train students for the Ministry and grant certificates for ordination, but in 1948 they remitted their degree-granting powers to the University, which now confers degrees in Divinity upon properly qualified students. (*See page 2305.*)

The Presbyterian College of Montreal—Principal, Rev. Robert Lennox, M.A., Th.B., D.D., 3485 McTavish Street.

For Calendars and all necessary information, apply to the Principals of the Colleges.

McGill University

MONTREAL, CANADA

GENERAL INFORMATION

1950-1951

ADMISSION TO THE UNIVERSITY

ENTRANCE REQUIREMENTS

The entrance requirements of the various faculties and schools of the University are given in the General Announcement, and in the separate announcements of the faculties and schools. These announcements may be obtained from the Registrar's Office.

APPLICATION FORMS

Application forms for admission to the faculties of Arts and Science (including the School of Commerce), Engineering, Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Applications for admission to other faculties and schools should be made to the Deans of the faculties or the Directors of the schools concerned. All application forms give details of the certificates and records applicants must submit.

APPLICATION FOR RESIDENCE

Students who wish to apply for residential accommodation must do so on special forms. These may be obtained from the Warden of the Residence concerned or from the Registrar's Office.

ADMISSION TO THE UNIVERSITY

The admissions policy of the University is definitely selective and no guarantee can be given that a student who has complied with the minimum entrance requirements will be admitted. Students, therefore, should never come to the University until they have received official acceptance of their applications.

EX-SERVICE MEN AND WOMEN

The University gives special consideration to ex-service applicants.

INQUIRIES

The Registrar will be pleased to answer inquiries concerning the University and to give advice to anyone who contemplates applying for admission.

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FEES

The following are the fees for 1950-51. In subsequent sessions, however, the University reserves the right to change its fees at any time if, in the opinion of the Board of Governors, circumstances so require.

I. UNIVERSITY FEES

These fees include all the regular charges of the University for tuition, health service, registration, libraries, laboratories, physical education, sports, games, and graduation. The only additional fee is the Students' Society Fee (*see page 303*).

FULL TIME REGULAR STUDENTS

Arts	$250.00
Science	300.00
Engineering and Architecture (all years)	325.00
Medicine	450.00
Dentistry	350.00
Divinity (except regular candidates for ordination)	250.00
Fine Arts	275.00
Law	275.00
Music	250.00
Library School	285.00
Commerce	275.00
Graduate Faculty	200.00
School of Physical Education	275.00
School of Social Work	275.00
School for Graduates Nurses (Diploma Course)	210.00
School for Graduate Nurses (Degree Course)	260.00
Physiotherapy	275.00
High School Diploma Course	150.00

CONDITIONED STUDENTS

Special fee for an additional course repeated or substituted by Conditioned Students (one full course or two half courses)	$10.00

LIMITED UNDERGRADUATES IN THE FACULTY OF ARTS AND SCIENCE

Per Course	$72.00
Per Half Course	36.00

PARTIAL STUDENTS

	Half Courses	Full Courses
Arts, Science, and Commerce, per course	$36.00	$72.00
Engineering, per hour of instruction per week, per term	12.00	12.00

The maximum fee for a partial student is the full undergraduate fee.

Information concerning the fees payable by partial students taking other courses may be obtained from the Chief Accountant.

Partial students pay $5.00 for Athletics and are entitled to use the outdoor facilities, tennis courts, rinks, etc. If they desire the full athletic and health service privileges of a regular student the fee payable is $22.00. Such students must be medically examined at the time of registration.

Partial students who pay the full undergraduate fee are entitled to the use of the Student Health Service and all facilities of the Department of Physical Education enjoyed by regular students.

Partial students taking less than three full courses pay $5.00 for the McGill Daily and use of the McGill Union, while those taking three or more full courses pay the regular Students' Society fees.

PAYMENTS BY INSTALMENTS

Fees may be paid in two instalments, one at the beginning of the session and one on the 1st of February following. For this privilege the fee (payable $2.50 with each instalment) is..... $ 5.00

II. SPECIAL FEES AND PENALTIES

Late registration (first week) extra	$ 5.00
Late registration (second week) extra	10.00
Late payment fee (after specified date)	2.00
Fine for late medical examination (*see page 311*)	2.00
Graduation *in absentia*	10.00
Duplicate Diploma	10.00
Certified copy of student's record	1.00
Additional copies (at same time)	.50
Re-reading examination paper (*see page 313*)	10.00
Supplemental examinations, each paper	10.00
Rental of microscope (*per term*)	7.50
Rental of microscope (*for the session*)	12.00

McGill graduates and graduates of other Universities may use the University Library on payment of an annual fee of $5.00.

III. STUDENTS' SOCIETY FEES

An annual fee of $15 ($16 in Engineering and Medicine) is payable by all undergraduates and partial students taking three or more full courses for the support of student organizations. Engineering students are required to make a deposit of $10.00 for the Engineering Undergraduates' Book Service. Medical students pay an additional $2.00 for the Medical Journal.

The men's fee is distributed as follows: McGill Union $3.50; McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00.

The women's fee is distributed as follows: Women's Union $3.50; McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00.

Students in the Faculty of Graduate Studies pay an annual fee of $3.50 for the support of the McGill Union or Women's Union, and $1.50 for the McGill Daily.

V. ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

Free use of the gymnasium, rinks, tennis courts, etc., is included in the University fees listed on page 302, and $15.00 of the fees paid by regular undergraduates is allocated to the Department of Athletics, Physical Education, and Recreation to support its programme. Students' season tickets for the home games of the senior football team cost $1.50, and students' tickets for the home games of the senior hockey team cost 25 cents each. All other home games are free to students.

REGULATIONS FOR PAYMENT OF FEES

1. Fees are due and payable at the Accounting Office immediately after registration; exact dates are shown in the announcements of various Faculties and Schools. A late fee of $2.00 is charged for payment after the specified dates.

2. The University does not issue bills for fees. Each student is required, at the time of registration, to complete a fee account giving full details of his fees for the session. To ensure identification, students or parents should enclose the fee account when remitting fees by mail.

3. Fees may be paid in two instalments, one at the beginning of the session, and one on February 1st following. In such cases the instalment fee of $5.00 is charged.

1st Instalment

One half of the total fees plus $2.50 instalment fee. Deduct deposits already paid.

2nd Instalment

Balance of total fees plus $2.50 instalment fee.

4. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

As soon as possible after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of

the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

5. Further details concerning fees in the Faculty of Graduate Studies and Research are given in the announcement of that Faculty.

REGULATIONS CONCERNING REMISSION OF FEES TO STUDENTS WHO LEAVE THE UNIVERSITY DURING THE COURSE OF THE ACADEMIC YEAR

1. Students withdrawing from the University must cancel their registration at the Registrar's Office.

2. In the case of students who, in spite of the fact that they leave the University before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of fees.

3. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance, the fees shall be remitted on the following basis:

(a) In those Faculties where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

(b) In those Faculties where the year is divided into three terms, one-third of the fees shall be returned for each term that begins after the departure of the student.

4. No fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

5. Board and residence fees are payable for the full academic year and shall not be refunded, except in special circumstances.

EXPENSES

It will be seen that each student pays annually two fees: (1) his inclusive University fee, (2) a Students' Society fee. There are no other regular fees and the only extras are for late registration, for graduation *in absentia*, etc., as listed above. Consequently the expenses of a student may be estimated by adding these two fees and the cost of board and lodging (*see pages 306, 307, 309-311*). Books are necessarily a variable expense, but probably $50 a year would be their average cost in Arts and Science. Personal expenditure upon clothes, amusements, etc., is still more variable and no useful estimate is possible.

PART-TIME EMPLOYMENT

Inquiries regarding placement, part-time work, or summer employment should be directed to the University Placement Service. However, students taking a regular degree course generally have insufficient leisure to make heavy part-time work during the term advisable, and they are recommended not to rely upon earning any money while actually at college.

BOARD AND RESIDENCE

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

I. FOR MEN

DOUGLAS HALL OF RESIDENCE

Douglas Hall was opened in September 1937. It is built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. Meals, under the supervision of a qualified dietitian, are served in the attractive refectory and residents have in addition the use of adequate common rooms, play rooms, etc.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture	$600.00
Arts, Science, Commerce, Law	635.00
Medicine and Dentistry (fourth year)	670.00
Medicine and Dentistry (lower years)	700.00

Due to limited accommodation, a few students will be required to share a study-bedroom, in which case a rebate of $40.00 on the normal fee will be allowed.

WILSON MEMORIAL HALL

Wilson Memorial Hall, acquired in 1945, has accommodation for approximately seventy students, most of whom share a double room. Otherwise the facilities of dining room and common rooms are similar to those at Douglas Hall.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture	$595.00
Arts, Science, Commerce, and Law	625.00

Students sharing a double room will be allowed a rebate of $40.00 on the normal fee.

One half of the fee is payable at the beginning of the session, and the balance on February 1st.

Students who are in residence for any additional period are charged extra at the rate of $3.00 per day.

Application forms for both residences may be obtained from the Warden's Office, Douglas Hall of Residence.

LODGINGS

The University has a register of lodgings which have been inspected and approved. For information about these rooms students should apply in person to the Rooms Registry in the Union during September. The Registry gives information to those who come to its office but does not itself reserve lodgings.

The cost of board and lodging in approved rooms varies from $60 to $80 per month. Separately, board costs from $40, and a room from $25, upwards per month.

Board is furnished in the McGill Union at low rates.

Board and lodging for men may also be obtained in the Diocesan College and the Presbyterian College, which are affiliated with the University.

II. FOR WOMEN

THE ROYAL VICTORIA COLLEGE

The main building of the Royal Victoria College was erected in 1899 under the terms of the endowment created by the Rt. Hon. Baron Strathcona and Mount Royal for the education of women at McGill University. A west wing was added in 1930-31 and an east wing in 1948-49. In all, the College provides residence accommodation for 301 students.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or not, and are required by the University to complete the registration forms of the Royal Victoria College.

The activities of all women students center in the College, which contains a separate library, cafeteria, gymnasium facilities, health offices, infirmary, and accommodation for the Women's Union, as well as residential quarters and the Warden's office.

The Warden has general supervision over all the academic activities of the women students. Under the University statutes, she is responsible for "the preservation everywhere of the good character and good name of the College." To this end she has jurisdiction over all women's extra-curricular activities.

ADMISSION

Students applying for residence in the College must have fulfilled all the entrance requirements of McGill University, have been officially accepted for a full course leading to a degree or diploma, and have complied with the health regulations (*see paragraph on Health, page 309*).

Admission is based upon scholarship, character, health, and general promise.

APPLICATION FOR RESIDENCE

The Roya Victoria College has the responsibility for residence for all women undergraduates whose homes are not in Montreal. Only in exceptional cases may an undergraduate who is not residing with her parents or guardian live out of residence, and then only with the Warden's written approval.

All women students whose homes are not in Montreal must make application for residence in the College, as well as for a Faculty or School, before their academic applications can be considered.

Residential application forms may be secured either from the Registrar's Office of the University or from the College, and when completed should be addressed to The Warden, Royal Victoria College, McGill University, Montreal. It is to the candidate's advantage to make application early and in any case by May 31st. (Students should not await the results of their matriculation examinations before applying.)

OPENING AND CLOSING OF RESIDENCES

Registration dates for women students in Arts, Science, Commerce, and Fine Arts are as follows:

First Year—Thursday, September 28th.

Upper Years—Friday and Saturday, September 29th and 30th.

Residences will open for all students on Tuesday, September 26th, when the mid-day meal will be the first to be served. *Students will not be admitted before this date.*

All students except seniors are expected to leave in May within 48 hours of their last examination; seniors, by the day after Convocation.

ROOMS AND FURNISHINGS

In the Royal Victoria College there are 272 single and 14 double rooms. They are furnished with the following: bed, pillow, bureau, desk, bookcase, desk chair, waste-basket, study lamp. Blankets (2), sheets, pillow cases, bath towels, and face towels are provided. Students should supply their own bed covering and bureau scarf.

RATES

The charge for board and residence in the Royal Victoria College for a student occupying a single room is $635.00 and for a student occupying a double room, $610.00.

These charges cover the period of the University session in Arts and Science, exclusive of the Christmas holiday. Students who are in residence for any additional period for purposes of instruction, practice teaching, or examinations are charged at the rate of $3.00 per day.

There is accommodation for meals in the cafeteria at the Royal Victoria College.

A House Fee of $8.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees.

HEALTH

The health service for both resident and non-resident students is part of the University Health Service. The Assistant Physician for the Royal Victoria College, Dr. M. Dorothea Mellor, is assisted by resident nurses.

No student who has an infectious illness or who comes from a house in which there has been an infectious illness may enter or return to the College unless the regulations of the Provincial Department of Health are observed. In all such cases the Warden must be notified and official consent secured. All students entering the University for the first time are required according to Provincial regulations to present a certificate or other satisfactory evidence of successful vaccination within seven years, or of insusceptibility to vaccine within five years.

McLENNAN HALL

Accommodation is available at McLennan Hall, 3480 Ontario Avenue, for women students in the courses of a senior nature listed below. This building, formerly the home of Miss Isabella C. McLennan, was donated by her to the University in October, 1942, and stands in large and attractive private grounds, commanding a superb view of the city of Montreal and the river beyond. It is within ten minutes' walking distance of the University. Breakfast is served at the Hall and residents may obtain their other meals at the Royal Victoria College Cafeteria at the regular prices. There are a few single rooms; the remainder (designated as "multiple") accommodate two or three students. Furnishings are similar to those described for the Royal Victoria College. Infirmary service is available to students living at McLennan Hall. A small charge will be made for meals served in the infirmary. The Hall is under the supervision of the Warden of the Royal Victoria College, to whom applications for accommodation should be sent.

RATES

Course	Period	Single	Multiple
Dentistry 1, 2, 3	Sept. 4– *	$470	$385
Dentistry 4	Sept. 4–Convocation	475	390
High School Diploma (Education)	Sept. 4–June 9	510	415
Law 1, 2, 3	Sept. 27– *	395	325
Law 4	Sept. 27–Convocation	435	355
Library School	Sept. 22–Convocation	455	375
Medicine 1, 2, 3	Sept. 4– *	510	415
Medicine 4	Sept. 4–Convocation	475	390
Social Work	Sept. 28–June 22	480	395
Graduate Faculty	Sept. 29–May 15	415	340

Additional periods will be charged at the following daily rates: Single, $2.00; Multiple, $1.65.

HEALTH SERVICE

The object of the student Health Service is to ensure that every student enrolled at McGill University shall be enabled to obtain the maximum protection for the development and maintenance of health at reasonable cost, during the University sessions.

The facilities of the Health Service provide for the early discovery of any defects of health and direct the student to competent treatment for any serious defect which may be found. The personnel of the Health Service have all been chosen for their ability to give competent and sympathetic service.

The Health Service provides treatment for minor illnesses or accidents.

It is not the function of the Health Service to undertake the care of serious cases beyond the initial diagnosis and emergency treatment. The patient will then be referred to the physician or surgeon of his choice or to the public service of designated hospitals.

The families of out-of-town students will be notified of any serious illness, and the action of the Health Service will be guided by their wishes or the advice of their family doctor.

Students entering the University are presumed to be in good health. If not, a statement to the contrary should be furnished to the Health Service before registration in the University is completed.

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination against Smallpox. Students should be vaccinated before they come

* To the end of examinations.

to the University. If they have not complied with this Government regulation, they will be vaccinated at the University and a fee of $5.00 will be charged. Failure to be vaccinated before a certain date in the term will involve an additional fine of $5.00.

The University is not responsible for damages of any kind resulting from accidents or athletic injuries which may occur, nor for the medical or hospital expenses incurred by any person suffering an accident or athletic injury. In the case of injuries which occur during intercollegiate or intramural competition in athletics or in preparation therefor, the Health Service will render treatment, including hospitalization, if necessary, but any hospital expense in connection therewith shall be limited to the same maximum amount and conditions as in the case of hospitalization for illness. If circumstances appear to justify such action, the Director of the Department may authorize additional services or contributions towards such cost.

The Student Health Service is organized to provide:

(*a*) Medical examinations for all men and women students in the University at the beginning of each Session.

The examination for students entering the University for the first time includes a complete clinical check, together with an X-ray of chest and routine laboratory procedures.

The examination for all other students annually consists of an X-ray of chest and routine laboratory procedures, together with a physical examination where indicated. All third year students' examinations include, besides the X-ray and laboratory procedures, a complete clinical check.

Participation in athletics is conditional upon the findings.

All examinations are by appointments made at the time of registration. The examination is compulsory for all students. Any student who fails to keep this appointment is subject to a later examination for which a charge of $2.00 is made. Any student who fails to have a medical examination by the Student Health Service is subject to disciplinary action by the University authorities.

Re-examination during the session is undertaken for any student who may seem to require it.

(*b*) Consultative service for all students is available at the various centres of the Student Health Service. These centres are located for men on the McGill Campus at 490 Pine Avenue West; for women at the Royal Victoria College; for Macdonald College at the Infirmary.

This service is optional on the part of the student. Any services obtained by the student from a private physician are the student's responsibility.

A limited number of house visits by a physician or nurse of the Health Service is undertaken as necessary for those living away from home and confined to bed.

A student who has received medical attention for an illness or accident must be declared fit by the Health Service before he may resume participation in classes or athletics.

(*c*) The consultative service is included in the Student Health Service fee.

In case of hospitalization when obtained through the Student Health Service, payment will be made for one-half of all public ward rates in a designated general hospital, up to a maximum of $125.00 per student in any one session of the University.

This contribution is not applicable to hospital expenses for an illness or other condition which was known or ascertained at the time of admission.

Further detailed information will be furnished each student at the time of registration.

PARKING ON UNIVERSITY GROUNDS

The University does not permit students to park automobiles or motorcycles anywhere on the Montreal campus except in such areas as may be specifically designated for student parking by official notices.

Parking at Macdonald College is subject to restrictions. Further information may be obtained by applying to the office of the Vice-Principal of the College.

SPORTS FOR MEN

There is intercollegiate competition in approximately twenty different sports, including football, hockey, track, basketball, skiing, swimming, tennis, boxing, wrestling, fencing, and golf, and, in addition, there is a wide programme of intra-mural competition in various sports. The Sir Arthur Currie Memorial Gymnasium provides accommodation for many indoor activities, while Mount Royal in Montreal and the Laurentian Mountains north of Montreal provide excellent skiing country. A student in good health thus has ample opportunities for exercise and pleasant recreation.

SPORTS FOR WOMEN

For women students there is a wide choice of voluntary sports and recreations including archery, basketball, dancing, gymnastics, skating, skiing, swimming, and tennis. Special care is taken that no student undertakes any exercise for which she is physically unsuited.

IMMIGRATION

All students entering Canada to attend courses at the University should obtain from the Dean of their Faculty, the Director of their School, or the Registrar's Office an official letter of acceptance, and should present this to the immigration authorities at the port of entry.

BRITISH STUDENTS

British students do not require passports to enter Canada but may require them if they wish to return. They are therefore advised to obtain them before leaving for Canada.

AMERICAN STUDENTS

American students do not need passports. They must, however, bring with them evidence of their American citizenship such as their birth certificate, baptismal certificate, naturalization certificate, or passport. They should register on arrival with the American Consulate General. Students coming from the United States of America who are not citizens of that country should carry evidence that they are legally in the United States, and prior to their return should obtain a re-entry permit from the American Immigration Department.

OTHER STUDENTS

All other students should carry passports.

RE-READING OF EXAMINATION PAPERS

Upon payment of a fee of $10, a student may apply in writing to the office of the Dean of the Faculty concerned to have an examination paper re-read. This must be done not more than thirty days after the examination results are published.

CALENDAR FOR THE SESSION 1950-51

1950

May 29th, Monday, Convocation.

June 28th, Wednesday. French Summer School begins.

July 1st, Saturday. Dominion Day

July 3rd, Monday. Geography Summer School begins. Registration in Summer School for Teachers.

July 29th, Saturday. Last day of lectures, Summer School for Teachers.

August 10th, Thursday. French Summer School ends.

August 12th, Saturday. Geography Summer School ends.

August 30th, Wednesday. Last day for filing Graduate theses for Autumn Convocation.

September 1st, Friday. Summer School in Mechanical Engineering begins. Fall Survey School begins. Students in certificate courses in Public Health Nursing, and Advanced Psychiatric, Obstetric, and Paediatric Nursing report to the School for Graduate Nurses for field work.

September 1st, Friday. Registration in Medicine and Dentistry begins.

September 4th, Monday. Labour Day.

September 5th, Tuesday. Registration in Medicine and Dentistry finishes. Registration of students in the School for Teachers. Supplemental examinations begin in Arts and Science, Commerce, Engineering, Architecture, Divinity, and in the School of Physical Education.

September 6th, Wednesday. Lectures begin in all years of Medicine and Dentistry. School Certificate examinations begin.

September 7th, Thursday. Second and Third Year Women students in the School of Physical Education report for Autumn Outdoor School.

September 7th, Thursday. High School Diploma students report for training in the Department of Education.

September 8th, Friday. Seminars begin for High School Diploma students.

September 11th, Monday. Conservatorium of Music opens for practical work. Second and Third Year Men students in the School of Physical Education report for Autumn Outdoor School.

September 11th, Monday to September 23rd, Saturday. Final orals for Ph.D.

September 15th, Friday. Students in certificate courses in Teaching and in Supervision and Administration in Schools of Nursing report to the School for Graduate Nurses for observation in Hospitals. First Year Degree students in Public Health Nursing register.

September 18th, Monday. Last day for receiving applications for admission to the Graduate Faculty Last day for reports on Ph.D. theses.

September 20th, Wednesday. Last day for reports on Masters' theses.

September 22nd, Friday, and September 23rd, Saturday. Students register in the Library School.

September 25th, Monday. Lectures begin in the Library School and in the Faculty of Music.

September 27th, Wednesday, and September 28th, Thursday. Registration of students in Law, and all years in the School of Physiotherapy.

September 28th, Thursday. Students register in the School of Social Work.

September 28th, Thursday. Registration of First Year students in Arts, Science, Commerce, and Physical Education. Registration of students in all years in Engineering and Architecture.

September 29th, Friday. Students in Fourth Year Physical Education register.

September 28th, Thursday, and September 29th, Friday. Degree students register in the School for Graduate Nurses except 1st year Public Health Nursing.

September 29th, Friday, and September 30th, Saturday. Registration of Upper Year students in the Faculty of Arts and Science and in all years of Divinity.

September 29th, Friday. Lectures begin in the School of Social Work.

October 2nd, Monday. Last day for receiving sessional registration forms approved by the Department in the Dean's Office, Faculty of Graduate Studies and Research.

October 2nd, Monday. Freshman Welcome. Lectures begin in Arts and Science, Commerce, Divinity, Engineering, Architecture, Law, Agriculture, Household Science, Social Work, Physiotherapy, Physical Education, The School for Graduate Nurses, and in the Faculty of Graduate Studies and Research.

October 6th, Friday. Founder's Day. Convocation.
(James McGill born October 6th, 1744, died December 19th, 1813.)

Thanksgiving Day. No lectures. Date to be announced by the Dominion Government.

October 14th, Saturday. Last day for submitting certificates relating to summer employment in the Faculty of Engineering.

October 21st, Saturday. Last day for registration (Registrar's Office) and payment of fees for students in the Faculty of Graduate Studies and Research.

November 11th, Saturday. Remembrance Day. No lectures.

November 13th, Monday. Autumn term examinations begin in the School for Teachers.

December 2nd, Saturday, to December 9th, Saturday. Examinations in French and German for Ph.D. students except the German test for those in Physics.

December 15th, Friday. First term ends in the Library School.

December 18th, Monday, to December 20th, Wednesday. Examinations in the Library School.

December 20th, Wednesday. Last day of lectures in all Faculties and Schools, and last day of field work in the School of Social Work.

1951

January 4th, Thursday. Lectures resumed in Medicine, Dentistry, Graduate Studies, Music, Social Work and the School for Teachers. Second term begins in Law. First term examinations begin in Arts and Science, Commerce, Engineering, Architecture, Physical Education, the School for Graduate Nurses, Divinity, and Physiotherapy.

January 8th, Monday. Lectures resumed in the Library School.

January 11th, Thursday. Second term begins in Arts and Science, Commerce, Engineering, Architecture, Physical Education, Divinity, the School for Graduate Nurses, and Physiotherapy.

January 24th, Wednesday, to January 26th, Friday. Examinations held in the School of Social Work.

January 29th, Monday. Second term begins in the School of Social Work.

February 10th, Saturday. Founder's Day at Macdonald College. (Sir William Macdonald born February 10th, 1831, died June 9th, 1917.)

February 16th, Friday, and February 17th, Saturday. Mid-term weekend holiday

February 24th, Saturday Examinations in German for Ph.D. students in Physics only.

Library School trip. Dates to be announced.

March 23rd, Friday, to March 26th, Monday (inclusive). Easter vacation.

March 27th, Tuesday. Spring term begins in the School for Teachers.

April 6th, Friday. Lectures end in Upper Years of Engineering and Architecture.

April 7th, Saturday. Last day for filing Ph.D. theses.

April 11th, Wednesday. Examinations begin in Upper Years of Engineering and Architecture.

April 19th, Thursday. Lectures end in First Year Engineering and in all other Faculties and Schools except Music, Medicine, Dentistry, the Library School, and the School of Social Work.

April 20th, Friday. Last day for filing theses for Master's degrees.

April 25th, Wednesday. Examinations begin in Arts and Science, Commerce, First Year Engineering, all years in Law, Divinity, Physical Education, Agriculture, Household Science, the School for Graduate Nurses, and Physiotherapy.

April 28th, Saturday, to May 12th, Saturday. Final orals for Ph.D.

April 28th, Saturday. Examinations begin in the Theory of Music.

May 1st, Tuesday. Last day for application for the majority of Graduate Fellowships.

May 1st, Tuesday. Examinations begin in Higher Theoretical Music.

May 3rd, Thursday. Last day for reports on Ph.D. theses.

May 4th, Friday. Lectures end in the Library School and in the School of Social Work.

May 5th, Saturday. Last day of lectures in Music.

May 7th, Monday. Practical Examinations in Music begin.

May 8th, Tuesday, to May 11th, Friday. Examinations in the Library School.

May 9th, Wednesday. Examinations begin in the School of Social Work.

May 11th, Friday. Last day for reports on Masters' theses.

May 14th, Monday. Full-time field work in First Year of the School of Social Work and full-time research work in Second Year begin.

Date to be announced. Convocation.

June 7th, Thursday. Closing exercises, School for Teachers.

June 11th, Monday. School Certificate Examinations begin.

June 22nd, Friday. Second term ends in the School of Social Work.

October 1st, Monday. Lectures begin in Arts and Science, Commerce, Divinity, Engineering, etc.

McGill University

Montreal



General Announcement

1950-1951

MCGILL UNIVERSITY LIBRARY

McGill University



Montreal

General Announcement

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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ADMINISTRATIVE OFFICERS

THE UNIVERSITY

Hon. O. S. Tyndale, B.C.L., M.A., D.C.L., LL.D. — *Chancellor*

F. Cyril James, Ph.D., D.Sc., D.C.L., LL.D., Docteur de l'Université, F.R.S.C., Chevalier de la Légion d'Honneur — *Principal and Vice-Chancellor*

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T. H. Matthews, M.A. — *Registrar*

Muriel V. Roscoe, M.A., Ph.D., D.Sc. — *Warden of the Royal Victoria College*

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F. S. Howes, B.Eng., M.Sc., Ph.D. — *Director of Extension Courses*

Richard Pennington, B.A. — *Librarian*

E. C. Knowles, B.D., M.A. — *University Chaplain and Student Counsellor*

F. M. Watkins, A.B., Ph.D. — *Warden of Douglas Hall*

C. M. McDougall, D.S.O., B.A. — *Director of the University Placement Service*

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SCHOOL FOR GRADUATE NURSES

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SCHOOL OF PHYSIOTHERAPY

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Helen M. Nicholson — *Assistant Director*

SCHOOL OF SOCIAL WORK

JOHN J. O. MOORE, M.A., Ed.D. — *Director*

MACDONALD COLLEGE

W. H. BRITTAIN, M.S. in Agr., Ph.D., D.Sc., F.R.S.C. — *Vice-Principal of Macdonald College and Dean of the Faculty of Agriculture*

D. C. MUNROE, M.A. — *Director of the School for Teachers*

HELEN R. NEILSON, M.B.E., B.H.S., M.Sc. — *Director of the School of Household Science*

J. H. HOLTON, B.Com. — *Secretary*

A. B. WALSH, B.Sc. (Agr.) — *Registrar*

McGill University

A BRIEF DESCRIPTION

McGill University, founded under a bequest of the Hon. James McGill, a prosperous Montreal merchant who died in 1813, was established as a university by Royal Charter in 1821. It is privately endowed, the trustees of its funds being the Board of Governors who constitute "The Royal Institution for the Advancement of Learning".

The University has nine faculties and nine schools. Particulars of these are given on pages 411 to 418. Eight of the faculties are situated in Montreal where the University Campus lies on the lower slopes of Mount Royal, the hill from which the city takes its name. Macdonald College at Ste. Anne de Bellevue, about twenty-five miles from Montreal, is an incorporated College of the University, and houses the Faculty of Agriculture, the School of Household Science, and the School for Teachers.

McGill University is undenominational and has now for many years been co-educational in most of its faculties and schools. Admission is definitely selective, the number of students accepted into each faculty being limited. In the 1949-50 session the number of men students studying for either degrees or diplomas was 5463 and the corresponding number of women students was 1895. These students are drawn from every province of Canada and from many other countries, the connexions with Great Britain, the West Indies, and the United States naturally being strong. At present there are in residence at the University about 100 students from Great Britain and 485 from the United States.

The following pages are intended to give in a condensed form the preliminary information that a student who contemplates entering the University would require, together with the entrance requirements of the various faculties and a list of the certificates accepted. Details of the Junior and Senior School Certificates, the entrance examinations conducted by the University, are given in the School Certificate Announcement. Separate announcements of the several faculties and schools are published and a list of these is printed on the inside of the title page. There is also a pamphlet enclosed with this announcement which gives the fees in the various faculties and schools, a description of the University residences for men and women, an account of the Health Service, and a calendar of dates. The Registrar's Office will be pleased to send one or more of these announcements to anyone interested or to answer inquiries.

VETERANS' AFFAIRS

E. CLIFFORD KNOWLES, B.D., M.A. *Student Counsellor*

ENTRANCE REQUIREMENTS

The Admissions Committees of the various faculties are anxious to allow returned men and women to try any course for which they have sufficient aptitude and sufficient preliminary training. The committees are therefore willing to consider applications from returned men and women who have approximately the following minimum qualifications:

For the First Year of Arts or Commerce: Good Junior Matriculation standing in English, Elementary Mathematics (Algebra and Geometry), a Modern or Classical Language, and one other subject.

For the First Year of Science or Engineering: Physics and Chemistry may replace either the Modern or the Classical Language in the above list.

For the Second Year of Engineering: Senior Matriculation standing in English, Mathematics (Algebra, Trigonometry, Co-ordinate Geometry), Physics, and Chemistry.

Students wishing to enter other faculties or years should write for information to the Registrar's Office.

ADVICE

Veterans who have any problems are recommended to consult Mr. Knowles, the Student Counsellor. Mr. Knowles has his office in the Arts Building.

Visits are made periodically to Macdonald College. For anything urgent, however, students may get in touch with Mr. Knowles through the Assistant Bursar at Macdonald College.

The Faculties and Schools of the University

A BRIEF OUTLINE WITH REFERENCES

Announcements of these faculties and schools giving further details may be obtained from the Registrar's Office.

For fees see the Pamphlet of General Information enclosed with this announcement.

I. McGILL COLLEGE (FACULTY OF ARTS AND SCIENCE)

Including the School of Commerce

(See also page 419)

Degrees offered: Bachelor of Arts (B.A.)
Bachelor of Science (B.Sc.)
Bachelor of Commerce (B.Com.)*
Bachelor of Fine Arts (B.F.A.)

Period of Resident Study in the Faculty: Four years from Junior Matriculation or three years from Senior Matriculation (see School Certificate Announcement).

Minimum Entrance Requirements: Junior Matriculation for admission to the First Year. Junior and Senior Matriculation with second-class standing for admission to the Second Year. (*See pages 419 to 424.*) The entrance requirements for students from American schools and for students from Great Britain are stated on pages 428 and 429.

Application Forms: For application forms apply to the Registrar's Office.

Since the majority of students coming to the University for the first time enter the Faculty of Arts and Science, further details of this Faculty are given on page 419.

II. FACULTY OF MEDICINE

Degrees offered: Doctor of Medicine and Master of Surgery (M.D., C.M.).

Diplomas offered: The Diploma of Public Health (D.P.H.), the Diploma of Tropical Medicine (D.T.M.), and diplomas for advanced study in the various clinical departments of the faculty.

Period of Study in the Faculty for the Degree: Four years.

*Students proceeding towards the B.Com. degree are registered in the School of Commerce.

Licence to Practise: A year of interneship, or a further year of study, is required before the University certifies that a graduate is entitled to take the qualifying examination of any of the licensing boards, so that the length of the full professional course is five years.

Entrance Qualifications: The normal requirement is a B.A. or a B.Sc. degree, but students with exceptionally high qualifications may apply for admission at the end of the third year of their course. The pre-medical work must include:—

Physics: One year of general college Physics with laboratory work.

Biology: One year of general Biology or Zoology with laboratory work. (One year of Zoology will be accepted, but Botany alone is not sufficient.)

Chemistry: Two years.

(*a*) One full year's course of General Chemistry with laboratory work.

(*b*) One full year's course of Organic Chemistry with laboratory work.

All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test, or furnish a satisfactory explanation of reasons why they are unable to do so.

Students wishing to proceed towards medicine at McGill University are reminded that no specific "pre-medical" course is offered. Work preparatory to Medicine is taken while proceeding regularly towards the B.A. or the B.Sc. degree in the Faculty of Arts and Science. Students who are preparing for entrance to the Faculty of Medicine are advised that they should not choose subjects which properly belong to the medical course, but should devote their time to securing a thorough preparation in the fundamental scientific and humanistic subjects.

Students are strongly advised to make themselves familiar with the licensing regulations of the province or state in which they intend to practise and to take the necessary steps to become registered. The University requires Canadian students to register with the licensing body of their province before beginning their medical course.

Since the University can accept only a small percentage of those who apply, application should be made to the Secretary of the Faculty of Medicine as early as possible and in no case after January 1st.

For further details apply to the Secretary of the Faculty. Application forms for admission into the Faculty of Arts and Science or for admission directly into the Faculty of Medicine may be obtained from the Registrar's Office.

III. FACULTY OF LAW

The course in the Faculty of Law is based mainly on the study of the Roman and Civil systems, the curriculum and timetable being arranged on the assumption that a student is devoting his entire time to his university work.

Degree offered: Bachelor of Civil Law (B.C.L.).

Period of Study in the Faculty of Law: Four years.

Language Requirement: A good knowledge of the French language is required.

Entrance Qualifications: Candidates who have completed at least two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty as degree students without examination. Other candidates must satisfy the Faculty that they possess an equivalent qualification. Candidates who are proceeding to the Bar of the Province of Quebec must be British subjects, hold the degree of B.A. from a Canadian or British university, and satisfy the Bar examiners that they have successfully completed "the regular course in philosophy" in an approved university.

Candidates for admission to the Notarial profession must be male British subjects and hold the degree of B.A., B.Litt., or B.Sc. from a Canadian, English, or French university.

Further information regarding admission to practice will be found in the Quebec Bar Act, 1925, R.S.Q., chap. 210 (as amended) and the Notarial Code, 1925, R.S.Q., chap. 211 (as amended).

Application forms for admission may be obtained from the Secretary of the Faculty.

IV. FACULTY OF ENGINEERING

Degrees offered: (1) Bachelor of Engineering (B.Eng.), in the Departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics; (2) Bachelor of Architecture. (*See* School of Architecture, *below*.)

Period of Study for the Degree: Five years from Junior Matriculation. (Note that, commencing with the 1949-1950 session, the whole five years are taken in the Faculty of Engineering, instead of a preliminary year being spent in the Faculty of Arts and Science, followed by four years in Engineering.)

Entrance Qualifications: For admission to the First Year, Junior Matriculation as for B.Sc. For admission to the second year, full B.Sc. Junior Matriculation, and Senior Matriculation in English, Mathematics (Algebra, Trigonometry, and Coordinate Geometry), Physics, Chemistry, and one of Biology, French, Geography, German, History, Latin, or Spanish. The regulations are given in full in the School Certificate Examinations Announcement and in the Announcement of the Faculty of Engineering.

Students should not contemplate entering the Faculty of Engineering unless they have more than average mathematical ability. The minimum requirements in this subject are stated in the School Certificate Announcement. For further details see the Announcement of the Faculty of Engineering.

V. SCHOOL OF ARCHITECTURE (IN THE FACULTY OF ENGINEERING)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study for the Degree: Six years from Junior Matriculation. (See Note under Faculty of Engineering, above.)

The entrance requirements in Architecture are the same as those for the Engineering courses (*see above*). The length of the course is six years, the first two years being identical with the first two years in Engineering.

For further details, see the Announcement of the Faculty of Engineering.

VI. FACULTY OF DENTISTRY

Degree offered: Doctor of Dental Surgery (D.D.S.).

Period of Study in the Faculty for the Degree: Four years.

Entrance Qualifications: At least two years in Arts and Science, including two years of lectures and laboratory work in Chemistry (inorganic and organic), and one year each of Physics and Biology (which must include a half year of Zoology).

To be qualified to practise in the Province of Quebec, a student must have taken at least two years of the B.A. or B.Sc course in an English university of Canada recognized by McGill University. The student should also register with the College of Dental Surgeons of the Province of Quebec as soon as he is admitted to the first year of the Faculty of Dentistry.

VII. FACULTY OF AGRICULTURE

This faculty is housed in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

Degree offered: Bachelor of Science in Agriculture, B.Sc. (Agr.).

Period of Study in the Faculty for the Degree: Four years.

For entrance qualifications, fees, and further details, see the Announcement of Macdonald College, which may be obtained from the Registrar, Macdonald College, P.Q.

VIII. FACULTY OF MUSIC

Degree offered: Bachelor of Music (Mus.B.).

Diplomas offered: Licentiate in Music (L. Mus.).
Associate in Music (A. Mus.).

Minimum period of study in the Faculty for the Degree: Three years.

For further details see the Announcement of the Faculty of Music.

IX. FACULTY OF DIVINITY

Degree offered: Bachelor of Divinity (B.D.).

Period of Study for the Degree: Three years.

Entrance Qualifications: A Bachelor's degree (preferably B.A.) from a recognized University.

For details, see the Announcement of the Faculty of Divinity.

X. FACULTY OF GRADUATE STUDIES AND RESEARCH

Degrees offered: Master of Arts (M.A.), Master of Science (M.Sc.), Master of Engineering (M.Eng.), Master of Architecture (M.Arch.), Master of Theology (S.T.M.), Master of Commerce (M.Com.), Master of Civil Law (M.C.L.), Master of Social work (M.S.W.), Master of Psychological Science (M.Ps.Sc.), Doctor of Philosophy (Ph.D.), Doctor of Psychological Science (D.Ps.Sc.), Doctor of Civil Law (D.C.L.), Doctor of Music (Mus.D.).

For details consult the Announcement of the Faculty of Graduate Studies and Research.

XI. SCHOOL OF HOUSEHOLD SCIENCE

(IN THE FACULTY OF AGRICULTURE)

(Women Only)

Degree offered: Bachelor of Science in Home Economics [B.Sc. (H.Ec.)].

Diploma offered: See Macdonald College Announcement.

Period of Study for the degree: Four years.

For entrance requirements and other details see the Announcement of Macdonald College which may be obtained from the Registrar, Macdonald College, P.Q.

XII. LIBRARY SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

Degree offered: Bachelor of Library Science (B.L.S.).

Period of Study: One year.

Entrance Qualifications: Bachelor's degree.

For details see the Announcement of the Library School.

XIII. SCHOOL OF PHYSICAL EDUCATION (IN THE FACULTY OF MEDICINE)

Period of Study: Four years in the School leading to the degree of B.Sc. (P. Ed.).

Entrance Qualifications: Junior Matriculation.

For further particulars see the Announcement of the School of Physical Education.

XIV. SCHOOL FOR GRADUATE NURSES (IN THE FACULTY OF MEDICINE)

(Women Only)

CERTIFICATE COURSES

One-year certificate courses offered in:

1. Teaching in Schools of Nursing.
2. Public Health Nursing.
3. Supervision in Psychiatric Nursing.
4. Supervision in Obstetrical Nursing.
5. Supervision in Paediatric Nursing.

Advanced Courses

6. Administration in Schools of Nursing.
7. Administration and Supervision in Public Health Nursing.

Entrance Qualifications: Junior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a pre-requisite.

DEGREE COURSES

Two-year courses leading to a degree of Bachelor of Nursing (B.N.), with specialization in the following fields:

1. Teaching and Supervision in Schools of Nursing.
2. Public Health Nursing.
3. Administration in Schools of Nursing.
4. Administration and Supervision in Public Health Nursing.

Entrance Qualifications: Senior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a pre-requisite.

For details see the Announcement of the School for Graduate Nurses.

XV. SCHOOL OF SOCIAL WORK (IN THE FACULTY OF ARTS AND SCIENCE)

A one-year course leading to the degree of Bachelor of Social Work (B.S.W.), with a further year which may lead to the degree of Master of Social Work (M.S.W.).

Entrance Qualifications: A Bachelor's degree from a recognized college with adequate training in the necessary social sciences.

For details see the separate Announcement of the School of Social Work.

XVI. SCHOOL OF PHYSIOTHERAPY (IN THE FACULTY OF MEDICINE)

(Women Only)

Period of Study: Three years in the School leading to a diploma.

Entrance Qualifications: Senior Matriculation or its equivalent.

For further particulars see the separate Announcement of the School of Physiotherapy.

XVII. FRENCH SUMMER SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

A residential summer school with an Old-Country French staff.

Approximate dates: 28th June to 10th August.

Inclusive Fee (tuition, room, and board): $250.

For special Announcement apply to the Director, French Summer School, Arts Building, McGill University.

XVIII. GEOGRAPHY SUMMER SCHOOL

(IN THE FACULTY OF ARTS AND SCIENCE)

A residential summer school held at Stanstead, Que.

Approximate dates: 3rd July to 12th August.

Inclusive Fee (tuition, room, and board): $200.

For special Announcement, apply to the Director, Summer School in Geography, Arts Building, McGill University.

XIX. TRAINING OF TEACHERS

The McGill University Department of Education offers (in Montreal) a one-year course to graduates of approved universities who wish to be teachers. Under certain conditions those who complete this course may

qualify for the High School Diploma of the Province of Quebec. These conditions are given in the Announcement of the Faculty of Arts and Science under "Education". This course in certain circumstances (see Announcement of the Faculty of Graduate Studies and Research) may lead later to an M.A. degree in Education. For further particulars, apply to the Chairman, Department of Education, Arts Building, McGill University, Montreal 2.

For details of courses in the School for Teachers, leading to Elementary and Intermediate Diplomas, see the Macdonald College Announcement.

APPLICATION FOR ADMISSION TO ALL FACULTIES

Application forms for all years in the Faculties of Arts and Science, and Engineering, and for the First Year in Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Application for admission to other faculties or years should in the first instance be made by letter to the Registrar.

All letters of inquiry should indicate the degree or diploma in which the candidate is interested, so that specific advice can be given regarding entrance requirements.

ADMISSION FROM OTHER UNIVERSITIES

A student of another university applying for advanced standing or for exemption from any subject or subjects which he has already studied must submit with his application a certified copy of his academic record, and may in addition be required to submit a Calendar or Bulletin of the University in which he has previously studied. He should also arrange to have sent separately to the University a confidential report from an officer of instruction or administration who is familiar with his work.

RESIDENTIAL ACCOMMODATION

The University maintains a number of residences which are described in the General Information Pamphlet enclosed with this Announcement. Space is limited, however, and the University does not undertake to provide living accommodation for all *men* students. Application for, and admission into, an academic course are entirely separate from application for, and admission into, a University residence. Residential application forms can be obtained from the individual residence or from the Registrar's Office.

SCHOLARSHIPS AND BURSARIES

Details of the University Entrance Scholarships and of other scholarships, bursaries, and loan funds are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

The Faculty of Arts and Science

For further particulars see page 411 and also the separate Announcement of the Faculty.

The undergraduate work of the University in the Humanities, in Social Studies, in the Biological and Physical Sciences, in Commerce, and in Fine Arts is done in McGill College, usually called the Faculty of Arts and Science. Correspondence concerning academic matters should be addressed to the Registrar of the University or to the Dean of the Faculty.

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.

Women students whose homes are outside Montreal must make application for resicence before May 31st to the Warden of the Royal Victoria College. At the same time, they must submit their academic applications. Forms for these purposes are obtainable from the College or from the Registrar's Office. (*See also pages 307 and 308 of the General Information Pamphlet enclosed with this Announcement.*)

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in detail in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on pages 428 and 429. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS

1. ENTRANCE TO THE FIRST YEAR (Junior Matriculation)

To qualify for admission to the first year of the Faculty of Arts and Science a candidate must pass within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents.

If a candidate for admission to the Faculty of Arts and Science chooses to re-write one or more papers in which he has already passed, in an attempt to raise his average sufficiently to meet the entrance requirements, his application may be given consideration subject to the following provisions:

(a) Only the mark obtained in the *final* attempt at the paper will be counted.

(b) Only papers in which the candidate originally obtained less than 65% and in which he obtains 60% or more in the subsequent attempt will be counted.

(*a*) *For admission to the First Year of the B.A. course* a candidate must pass in each of the following papers in the University's Junior School Certificate and obtain an average of at least 65% on the examination as a whole.

No. of Papers	Subject
2	English
1	History (General *or* British)
2	Latin *or* Greek
2	French; Latin; Greek; German; Spanish
2	Elementary Algebra *and* Elementary Geometry
1	One of the following:
	Biology; Botany; Chemistry; Drawing; Geography; Canadian History; Physics; Music; Intermediate Algebra; Trigonometry.
	or
	A foreign language not already chosen (the average of the two papers in a foreign language is counted)
10 papers	

(*b*) *For admission to the First Year of the B.Sc. course* a candidate must pass the following papers in the University's Junior School Certificate Examination and normally obtain at least 70% upon the examination as a whole. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown special distinction in such scientific subjects as they have taken in their matriculation, i.e., Mathematics, Chemistry, Physics, Biology, or Botany.

No. of Papers	Subject
2	English
1	History (General *or* British)
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology *and* Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History (h) Music *or* Drawing (Music *and* Drawing may not both be chosen)
—	
10 papers	

(*c*) *For admission to the first year of the B.Com course* a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 65% upon the examination as a whole.

No. of Papers	Subject
2	English
1	History (British *or* General)
2	Elementary Mathematics (Algebra and Geometry)
2	Greek, Latin, French, German, *or* Spanish (French preferred)
3	Chosen from the following: Any one or more of the above languages not already chosen; Intermediate Algebra, Trigonometry, Chemistry, Physics, Biology, Botany, Geography, Canadian History; and either Music or Drawing.
—	
10 papers	

(*d*) *For admission to the first year of the B.F.A. course* a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 65% upon the Examination as a whole.

No. of Papers	Subject
2	English
2	French
1	History (British *or* General)
2	Latin *or* Greek *or* Mathematics
3	Chosen from the following

Greek, Latin, Algebra, Geometry (if not already chosen); Art, Geography, Music, Canadian History, Botany (or Biology), Physics, Chemistry.

If a student does not choose Art in Junior Matriculation he must present evidence of his technical qualifications for entering the course in Fine Arts.

2. ENTRANCE TO THE SECOND YEAR (Senior Matriculation)

A candidate may be considered for admission to the second year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

The same provisions regarding re-written papers apply to Senior Matriculation as apply to Junior Matriculation (see page 420).

Only in exceptional circumstances may a student who has not qualified for entrance to the First Year through Junior Matriculation be admitted to the Second Year by Senior Matriculation alone.

(*a*) *For admission to the Second Year of the B.A. course* —

English

Latin *or* Greek

Mathematics (*see footnotes* [1] *and* [2])

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates who intend to apply for entrance to the Faculty of Medicine at the end of the Third Year of the B.A. course must take Mathematics.

(*b*) *For admission to the Second Year of the B.Sc. course* —

English

Mathematics[1]

Physics

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[1]Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

[2]All B.A. candidates are advised to offer Mathematics as one of the Senior Matriculation subjects. If, however, a student intends to follow an Honours course in one of the Humanities, or in Political Science, or in History, he may in certain circumstances be permitted to offer another subject in which he has shown marked proficiency in place of Mathematics. The regulations governing the matter are quite specific, and any student who contemplates making the substitution should, *before he commences his Senior Matriculation year*, consult the School Certificate Examinations Announcement or the Announcement of the Faculty of Arts and Science to make sure that he is eligible.

Chemistry

French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

(*c*) *For admission to the Second Year of the B.Com. course* —

English

Mathematics**

Accountancy

A modern foreign language

History, *or* a second foreign language, *or* a Science (including Geography)

(*d*) *For admission to the Second Year of the B.F.A. course*—

English

French

History

Art

One other subject

FURTHER INFORMATION

Full details of the above examinations are given in the School Certificate Examinations Announcement.

APPLICATION FOR ADMISSION

Students are normally permitted to enter at the beginning of the Fall term only.

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's Office. Women applicants should refer to the paragraph headed "Women Students" on page 419. Completed applications must reach the Registrar not later than August 31st.

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*A candidate who has passed the two papers in Junior French may obtain Senior B.Sc. or B.Eng. standing in German by passing the Junior examinations in this subject.

**Algebra and Trigonometry. However, a candidate who has passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

It is advantageous for candidates to make preliminary application, on the proper forms, as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mails.

The Admissions Committee also requires a confidential report from the Principal of the applicant's school. This may if desired be made on a form obtainable from the Assistant Dean.

Students whose native language is not English must satisfy the Assistant Dean that their command of written and spoken English is fluent.

The number of students admitted is limited, and the Faculty is not bound to accept all applicants who have passed the required examinations.

CLASSES OF STUDENT IN THE FACULTY

(1) *Regular Undergraduates:* Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(2) *Limited Undergraduates:* Students with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

Limited Undergraduates are not eligible for scholarships, bursaries, or prizes of any description and may not read for an honours degree.

(3) *Partial Students:* Students not registered as proceeding to a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in such a course. Applications may be refused if limitation of space in lecture rooms and laboratories requires it. A student who has tried and failed to matriculate is not allowed to register as a partial student except in special circumstances.

If a partial student wishes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A partial student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses

and showing his class standing in each. Work taken by a partial student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial students are not eligible for scholarships, bursaries, medals or prizes.

PERIOD OF STUDY

The regular length of the course for a B.A., B.Sc., B.Com., or B.F.A. degree is four years from Junior Matriculation, or three years from Senior Matriculation. Students from other universities are sometimes admitted to the upper years, but the bachelor's degree is never conferred upon a student who has spent less than two years in the Faculty.

REGISTRATION

First Year students register on Thursday, September 28th, in the Sir Arthur Currie Gymnasium-Armoury, from 9.00 a.m. to 4.00 p.m.

Upper year students register on Friday, September 29th, and Saturday, September 30th.

After September 30th a special late registration fee must be paid (see General Information pamphlet).

No student is admitted after October 17th except by special permission of the Dean.

Special regulations for the registration of women students are given in the General Information pamphlet.

ADVISERS

Students may consult the Dean, any of the Group Chairmen, or the Assistant Dean, at any time. Women students may also consult the Warden of the Royal Victoria College.

ADVANCED COURSES IN THE FIRST YEAR

The Departments giving instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications. These advanced courses are generally arranged by the Departments when lectures actually commence.

Students in the First Year who have the necessary qualifications may be permitted by the Dean to take one or more Second Year courses.

GENERAL DEGREES AND HONOURS DEGREES

An undergraduate in the Faculty of Arts and Science may proceed to a General Degree, involving the study of a fairly wide range of subjects with a limited amount of specialization, or to an Honours Degree which,

after the Second Year, necessitates almost complete specialization in either one or two subjects. For details see the Announcement of the Faculty of Arts and Science.

The word "Honours" is used in the Faculty of Arts and Science in the above sense only. Students who have shown marked ability while proceeding to a General Degree may be awarded Distinction or Great Distinction upon graduating, but do not obtain Honours.

Students in the School of Commerce who specialize in Economics may obtain Honours in this subject. Other students in the School may be awarded Distinction or Great Distinction.

ATTENDANCE

Students in the First and Second Years are required to attend at least seven-eighths of the total number of lectures and of the total number of laboratory periods in each course.

EXAMINATION MARKS

The pass mark in all examinations is 50 per cent, and the minimum marks for first and second class standing are 80 per cent and 65 per cent respectively.

THE TWO TERMS

The regular session is divided into two terms, the first starting about the 1st of October and the second starting about the 12th of January. (For Calendar, see the General Information Pamphlet.) Students commencing a year in the Faculty are normally permitted to enter only at the beginning of the Fall term.

ADMISSION TO THE SECOND AND THIRD YEARS

Applications for entrance to the Second and Third Years of the Faculty should be made to the Registrar's Office on the proper forms, and must be accompanied by complete details of previous school and university work. (*See also page 425.*)

To obtain a bachelor's degree a student must spend at least two years in McGill College.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each undergraduate in the Faculty is required to register for one of the four bachelor's degrees offered (see page 411), and, unless otherwise instructed by the Dean, must follow the regular work of his year toward this degree.

Students intending to transfer into one of the professional faculties before graduating in Arts and Science should make themselves familiar with the entrance requirements of the faculty they seek to enter and should see that the courses they choose conform with these requirements.

For details concerning the granting of the B.A. or B.Sc. degree to students who transfer into the Faculty of Medicine or the Faculty of Dentistry at the end of the Third Year, see the Announcement of the Faculty of Arts and Science.

SCHOLARSHIPS AND BURSARIES

A separate announcement giving details of scholarships and bursaries may be obtained from the Registrar's Office.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, the equivalent of Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, the Faculty of Engineering, and other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations *which will be considered on their merits* towards meeting the University entrance requirements. For more extensive lists and further details see the School Certificate Examinations Announcement.

1. *For admission to the First Year of the B.A., B.Sc., B.Com., B.F.A., B.Eng., B.Arch., B.Sc. (Agr.), B.Sc. (H.Ec.), and B.Sc. (P.Ed.) courses:*

Canada

The recognized Junior Matriculation or equivalent examinations of the various provinces.

Great Britain

The School Certificate of the recognized examining bodies with at least five credits (excluding Religious Knowledge).

The London University Matriculation Examination.

The Certificate of Fitness of the Scottish Universities Entrance Board.

United States

The tests of the College Entrance Examination Board. All candidates from the United States are advised to write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three Achievement tests, the latter chosen in consultation with the applicant's school Principal, should be taken. Further particulars are available from the Registrar's Office.

Miscellaneous

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

2. *For admission to the Second Year of the B.A., B.Sc., B.Com., B.F.A., B.Eng., B.Arch., B.Sc. (Agr.), B.Sc. (H.Ec.), and B.Sc. (P.Ed.) courses, to the First Year of the School of Physiotherapy, and to the degree course in Nursing:*

Canada

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

Great Britain

The Higher Certificates of the recognized examining bodies.

United States

Completion of one year in an approved college with a suitable syllabus and good grades.

McGill University

Montreal

School Certificate Examinations

June and September 1951

MCGILL UNIVERSITY LIBRARY

McGill University

Montreal

School Certificate Examinations

June and September 1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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The School Certificate

As the result of a careful study of the functions of its public examinations, McGill University first offered in 1944 two new certificates, the Junior School Certificate and the Senior School Certificate. These certificates are awarded to candidates who pass examinations in subjects which form a reasonable course of study for a secondary school pupil.

Formerly the only certificates the University awarded were the Junior and the Senior Matriculation certificates. To obtain one of these a boy or girl had to qualify for admission to the first or the second year of a regular university degree or diploma course. This meant that school curricula were influenced by the entrance requirements of university faculties. The University no longer offers either the Junior or the Senior Matriculation certificates.

The School Certificates are obtainable on easier terms than the former matriculation certificates and candidates have a much wider choice of subjects, so that schools now have far greater freedom in planning their curricula.

It must be emphasized, however, that the School Certificate does not automatically admit to any faculty or school of the University. To matriculate, i.e., to enter the University, a candidate must write and pass all the papers required by the faculty he wishes to enter and obtain the average mark the faculty has set. Thus, to enter the Faculty of Arts and Science an applicant must write ten papers (see page 511), although he may obtain the Junior School Certificate by writing eight papers only.

For the recognition of these Certificates for admission into the various faculties of the University, see pages 511 to 514 and pages 536 to 538.

School Certificate Examinations

GENERAL REGULATIONS

JUNE AND SEPTEMBER EXAMINATIONS

The School Certificate examinations are held in June and September—in June at McGill University and also at local centres; in September, at McGill University only. The time-tables for these examinations are issued in February each year.

All inquiries relating to the examinations should be addressed to the Registrar of the University.

APPLICATION FORMS

Every candidate for examination is required to fill in an application form and return it to the Registrar's Office with the necessary fee before the 20th of May* or the 20th of August, for the June or September examinations respectively. After these dates applications may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications.

FEES

Junior Examination. The Junior Examination fee is $1.25 per paper with a maximum fee of ten dollars.

Senior Examination. The Senior Examination fee is $3.00 per paper with a maximum fee of fifteen dollars.

REGULATIONS CONCERNING FEES

In centres outside Montreal candidates may be required to pay the whole or part of the expenses of invigilation.

A fee of $1.00 is charged for late applications (*see above*).

---

*Candidates wishing to take the Senior School Certificate examination in Oral French (*see page 546*) at a centre outside Montreal must notify the Registrar in writing before the *first of April* in addition to making application on the usual forms. The University will then decide whether this examination can be held at the requested centres.

No refunds are paid to candidates after the last day of registration (20th May or 20th August), excepting only when a candidate is absent throughout the whole examination on account of illness, and a medical certificate to this effect is presented within four weeks of the close of the examination.

Fees paid for one examination cannot be credited towards a subsequent examination.

CERTIFICATES

The examinations may be taken in parts but the University will issue a School Certificate only on the results of examinations written within a period of sixteen months.

This rule also applies to the recognition of certificates granted by other examining bodies.

School Certificates are issued only to candidates who have passed the complete University School Certificate Examination.

TEXTBOOKS

JUNIOR SCHOOL CERTIFICATE

The University does not recommend or refer to specific textbooks in the syllabi of its Junior School Certificate Examinations, except in Mathematics. Set "texts", however, form an essential part of the language papers.

SENIOR SCHOOL CERTIFICATE

The University has also discontinued the recommendation of some of the Senior School Certificate textbooks, but in other subjects it is considered desirable that the work should follow closely that of the corresponding course in the first year of the Faculty of Arts and Science, and in such subjects the textbooks used in the University courses have been retained as Senior School Certificate textbooks for the present.

CONSULTATION WITH DEPARTMENTS

The University Departments concerned will be pleased to give school principals or specialist teachers advice concerning methods or books of reference, and to discuss problems that may arise in connection with the syllabi for either the Junior or the Senior School Certificate Examinations. The Registrar will be glad to arrange such conferences.

PREVIOUS PAPERS

Books containing the examination papers set in either June or September of any one year may be obtained from the University Cashier at twenty-five cents a copy, so long as quantities last.

PUBLICATION OF RESULTS

Each candidate will receive a statement of his results as soon as they are ready. The certificates are sent to successful candidates a little later.

A list of the successful candidates is published in the Press. This list gives the class of the certificates obtained and any distinctions gained, but does not give any relative order of merit within the three classes.

The actual marks in each paper are sent to each candidate and are given on the back of the certificate but are not otherwise published.

Junior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain a School Certificate a candidate must complete the requirements within a period of sixteen months. This allows four attempts in the June and September examinations of two successive years.

For first and second-class certificates two attempts only are allowed. For details, see page 510.

The pass mark in each paper is fifty per cent. To obtain the certificate a candidate must write eight papers chosen according to the regulations that follow and must *either* pass in every paper *or* obtain an average of at least sixty per cent in the eight papers with no individual mark below forty per cent.

COMPULSORY PAPERS

English Literature
English Composition
*French Grammar and Comprehension

OPTIONAL PAPERS

Five papers on optional subjects must be chosen from not less than two of the three groups below:

GROUP I	GROUP II
Algebra	French Translation and Authors
Geometry	German (two papers)
Chemistry	Spanish (two papers)
Physics	Latin (two papers)
Botany	Greek (two papers)
Biology	
Intermediate Algebra	
Trigonometry	
Higher Arithmetic	

*The University may, in special circumstances, permit candidates to substitute another modern language for French.

GROUP III

General History *or* British History
Canadian History
Geography
Art
Music

A candidate may write more than eight papers—in fact ten are required for entrance to the University (see page 511)—but the certificate is awarded on the eight papers only. If a successful candidate writes more than eight papers, the class of the certificate he receives is reckoned on the subjects in which he has the highest marks. If such a candidate offers a subject, such as Latin, which has two papers, the marks in both these papers must either count towards the certificate or be neglected, i.e., a candidate cannot count towards his certificate the better of two Latin marks and the better of two German marks.

FIRST, SECOND, AND THIRD CLASS CERTIFICATES

Successful candidates are awarded a School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles a candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTIONS

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

ENTRANCE REQUIREMENTS OF FACULTIES ADMITTING STUDENTS ON THE BASIS OF THESE EXAMINATIONS (JUNIOR MATRICULATION)

FACULTY OF ARTS AND SCIENCE

To qualify for admission to the first year of the Faculty of Arts and Science a candidate must pass (i.e. obtain 50%) within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents. For entrance to the B.A., B.Com., or B.F.A. course, an average mark of at least 65% must be obtained in the ten papers combined. For entrance to the first year of the B.Sc. course, the candidate must normally obtain an average of at least 70%. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown special distinction in such scientific subjects as they have taken in their matriculation, i.e. Mathematics, Chemistry, Physics, Biology, or Botany.

If a candidate for admission to the Faculty of Arts and Science chooses to re-write one or more papers in which he has already passed, in an attempt to raise his average sufficiently to meet the entrance requirements, his application may be given consideration subject to the following provisions:

(a) Only the mark obtained in the *final* attempt at the paper will be counted.

(b) Only papers in which the candidate originally obtained less than 65% and in which he obtains 60% or more in the subsequent attempt will be counted.

1. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.A. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History (British *or* General)
2	Latin *or* Greek
2	Two papers in Greek *or* Latin (the one not already chosen), *or* French, *or* German, *or* Spanish
2	Elementary Algebra Elementary Geometry

1	One of the following: Biology; Botany; Chemistry; Drawing; Geography; Physics; Music; Intermediate Algebra; Trigonometry; Canadian History; a foreign language not already chosen (the average of the two foreign language papers is counted)
—	
10 papers	

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History (British *or* General)
2	French *or* German (both papers)
2	Elementary Algebra Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen) *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology and Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History (h) Music *or* Drawing (Music and Drawing may not both be chosen)
—	
10 papers	

3. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Com. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History (British *or* General)

2	Elementary Algebra Elementary Geometry
2	Latin, Greek, French, German, *or* Spanish (French preferred)
3	Chosen from the following: Any one or more of the above languages not already chosen, Intermediate Algebra, Trigonometry, Chemistry, Physics, Biology, Botany, Geography, Canadian History, and *either* Music *or* Drawing.

10 papers

4. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.F.A. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
2	French
1	History
2	Latin *or* Greek *or* Mathematics
3	Papers chosen from the following: Latin (2 papers), Greek (2 papers), Algebra, Geometry, Art, Geography, Music, Canadian History, Botany (or Biology), Physics, Chemistry

10 papers

If a candidate does not offer Art at Junior Matriculation, he must present evidence of his technical qualifications for entering the course in Fine Arts.

FACULTY OF ENGINEERING

ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

The subjects required for admission into the first year of the Faculty of Engineering are the same as those required for the first year of the B.Sc. courses. A general average of 60%, with not less than 60% in each paper in Mathematics, Physics, and Chemistry, is required.

Intermediate Mathematics is recommended for students intending to enter Engineering.

FACULTY OF AGRICULTURE

1. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (Agr.) DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History
2	Latin *or* French *or* German *or* Spanish (French preferred)
2	Elementary Algebra Elementary Geometry
1	Physics *or* Chemistry *or* Biology
2	EITHER Latin *or* French *or* German *or* Spanish (if not already chosen); OR Any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) *Botany *or* *Biology (d) Chemistry (e) Physics (f) Drawing (g) Geography (h) Canadian History (i) Music (Household Science candidates only. Music and Drawing may not both be chosen.)
10 papers	

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (H.Ec.) DEGREE

The requirements are those of the B.Sc. (Agr.) courses printed above, with the modifications noted.

*Botany and Biology may not both be chosen.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and September 1951

In all papers marks will be deducted for errors in spelling and grammar.

BIOLOGY

One examination paper.

All the subjects mentioned should be studied practically, both in the field and in the classroom. Vivaria and aquaria should be kept and plants should be grown in soil and water culture. Pupils should be encouraged to collect material and so add to the school museum. Typical preparations and demonstration dissections should be made. In small classes pupils might do some dissection personally. Simple experiments should be used wherever possible. The use of a hand lens is essential for every pupil and a microscope should be available.

The items of the syllabus may be studied in any order with due regard to the season and local conditions.

I. The general external characters and structure of a dicotyledonous flowering plant and of a small mammal such as a rabbit, and the general biological principles to be drawn from such studies.

The general structure of a plant cell and of an animal cell as seen in Spirogyra and Amoeba. The properties of living matter. The differences between animals and plants.

II. The general structure, life-history, relation to environment, and broad classification of the following types based on practical study.

Plants: Thallophyta: Algae—unicellular and filamentous; Fungi—bacteria, yeast, mould, higher fungi. Bryophyta—one type. Pteridophyta—one type. Spermatophyta: Monocotyledons—one type. Dicotyledons—one herb and one tree. Details of the appearance and structure of the organs of a flowering plant considered in relation to function.

Animals: Protozoa—Amoeba, Paramecium; Coelenterata—Hydra; Annelida—Earthworm; Arthropoda—Crayfish, Grasshopper, or Locust; Pisces—Perch, Pike, Cod, or Haddock; Amphibia—Frog; Reptilia—external characters of Lizard or Turtle; Aves—external characters of a Bird; Mammalia—Rabbit.

III. The physiology of living organisms. Structure and function should be studied together.

Plant Physiology—Essentials of nutrition (photosynthesis, mineral nutrition, storage of food, special modes of feeding), respiration, water relations, growth, and reproduction. The plant organism as a whole. Seasonal changes in perennial herbs and trees.

Animal Physiology—Elementary physiology of the animals listed in the preceding, including locomotion, nutrition, circulation, respiration, secretion, excretion, nerve control, action of hormones, growth, reproduction. Seasonal changes in animals.

IV. Field Natural History The natural history of the plants and animals mentioned. Relationship of plants and animals in the general economy of nature. Trees and animals of the neighbourhood. Relation of plants and animals to their physical environment and to one another in one type of community, such as woodland pasture, cultivated land, swamp, or an aquatic community. The dominant plants and animals of this community.

V. The interrelation of plants and animals with man. The importance of plants and animals as sources of food, shelter, clothing, commercial products.

Plants—Green plants as basic food supply. Man's staple food plants. Lumber, paper, rubber, etc. Plant geography and plant industries of North America in relation to climate. Useful bacteria and fungi; organic decay, carbon and nitrogen cycles. Pathogenic bacteria and fungi and their control.

Animals—Protozoan and other parasites as causal agents of disease; insects, useful and injurious, in relation to human health, farm stock, crops, and forests. Food animals. Fur-bearing animals in relation to climate.

VI. Elementary outline of the principles of heredity and variation among plants and animals.

BOTANY

One examination paper.

All the subjects mentioned should be studied practically. Aquaria should be kept, plants grown in soil and water culture, and simple physiological experiments carried out. The use of a hand lens is essential for every pupil and a microscope should be available.

The items of the syllabus may be studied in any suitable order.

I. Organs and Cells

The general external characters and structure of a flowering plant considered in relation to its mode of life.

Structure of a plant cell; properties of protoplasm; types of cell.

II. Types and Classification

The general structure, life history, relation to environment, and broad classification of the following types:

Thallophyta: Algae—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria.

Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi, including at least one parasitic form.

Lichens—general.

Bryophyta: A Liverwort, a Moss.

Pteridophyta: A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.

Angiosperms—a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

General characteristics and common plants of the following families of flowering plants: Liliaceæ, Gramineæ, Orchidaceæ, Ranunculaceæ, Rosaceæ, Leguminosæ, Umbelliferæ, Solanaceæ, Labiatæ, Compositæ.

III. Physiology and Histology

Elements of the microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

Essentials of nutrition (photosynthesis, mineral nutrition, storage of foods, special modes of feeding), respiration, water relations, growth, tropisms, and reproduction. The organism as a whole. Seasonal changes in perennial herbs and trees.

IV. Field Natural History

Common trees and some other plants of the neighbourhood. Elements of the ecology of at least one local area, such as wood, meadow, swamp, or seashore. Adaptation to environment. Modes of pollination and of distribution and germination of seeds.

V. Heredity

Elementary outline of the principles of heredity and variation as applied to plants.

VI. Relation to Man

Green plants as the basic food supply. Man's staple food plants. Nature and source of other important plant products, e.g., lumber, fibres, paper, rubber. Useful bacteria and fungi; organic decay, carbon and nitrogen cycle. Pathogenic bacteria and fungi and their control. Main types of vegetation found in North America, with emphasis on Canada; their relation to climate and to human activities.

CHEMISTRY

One examination paper.

The proficiency in Chemistry will be examined on evidence of an elementary knowledge of:

The properties of matter as required to establish the Molecular Theory of Gases, the Atomic Theory, the Theory of Ionization, and the Periodic Law.

The composition, physical properties, and chemical transformations of common materials such as the atmosphere, natural waters, common minerals and ores, metals and alloys, foodstuffs and textiles.

The preparation and properties of the more common non-metallic elements: Hydrogen, Carbon, Nitrogen, Oxygen, Silicon, Sulphur, and Chlorine together with their simple compounds of economic importance.

The preparation and properties of the more common metallic elements: Sodium, Calcium, Magnesium, Aluminium, Iron, Copper, and Silver together with their simple compounds of economic importance.

The principal chemical industries including the fixation of nitrogen, the utilization of brines as in the preparation of soda ash, sodium hydroxide and chlorine, the distillation of petroleum products, and the utilization of wood cellulose.

The nature of chemical reaction including the factors affecting the rate of chemical reaction, exothermic and endothermic reactions, the principle of mass action, the nature of oxidation and reduction as exemplified by combustion and the winning of metals.

An elementary conception of valence in the formation of electrovalent and covalent compounds.

DRAWING

One examination paper.

Candidates must take two parts. They may take:

(a) Parts I and II

or (b) Parts III and IV

or (c) *one* of III and IV and *one* of V and VI.

PART I

Elementary problems in the graphic geometry of the circle, ellipse, and plane rectilinear figures.

PART II

(*a*) Reproduce freehand ornament designs from flat copies.

(*b*) Make drawings, by freehand, or otherwise, of objects described, illustrating the principles of perspective.

(*c*) Make outline drawings of objects placed at a short distance.

PART III

Make a drawing in light and shade, with charcoal or pencil, of a plaster cast or a still life group.

PART IV

Make water colour drawings of still life groups.

PART V—COMMERCIAL ART

(*a*) Lettering, including Roman and Gothic.

(*b*) Posters, Magazine Page Advertisements.

(*c*) Illustration, in colour and otherwise.

PART VI—CRAFT DESIGN

(*a*) Principles of ornament and decoration.

(*b*) Historic Styles.

(*c*) Themes, compositions, or designs, founded on flowering plants, birds, fishes, butterflies, animals, and humans, for specific purposes, such as: wall papers, embroideries, silver and copper work, jewellery, stained glass, decoration of pottery, cups and saucers, etc.

ENGLISH

Two examination papers: one in Composition, and one in Literature.

COMPOSITION

Short essays on general subjects including at least one question in which the candidate is addressing a particular audience. There will be a wide choice of subjects but the practice of setting essays on the general readings in English Literature has been discontinued. There are no special readings required for the Composition paper.

LITERATURE

For critical study:

1 Poets:	1951	Byron, Shelley, Keats, Tennyson
		to alternate with
	1952	Coleridge, Wordsworth, Browning, Arnold
		as in Dilworth, *Nineteenth Century Poetry*
2 Shakespeare:	1951	*Julius Caesar* or *Hamlet*
	1952	*Richard III* or *Henry IV Part I*
	1953	*Macbeth* or *Coriolanus*

For general reading:

3 Novels:	1951	*Either* Hardy, *Far from the Madding Crowd*
		or Thackeray, *Henry Esmond*
		and
		either Cather, *Shadows on the Rock*
		or Lever, *Henry Lorrequer*
	1952	Dickens, *Pickwick Papers* or *Nicholas Nickleby* or *David Copperfield*
		and
		either Austen, *Pride and Prejudice*
		or Roberts, *Northwest Passage*
	1953	Scott, *Heart of Midlothian* or *Kenilworth*
		and
		either Conrad, *Victory*
		or Wells, *The History of Mr. Polly*
4 Shakespeare:	1951	*Henry V* or *A Midsummer Night's Dream*
	1952	*As You Like It* or *Romeo and Juliet*
	1953	*The Merchant of Venice* or *Twelfth Night*

5 Essays: Selections from the essays of *any three* of the following writers—Bacon, Addison, Steele, Goldsmith, Lamb, Hazlitt, Stevenson, Emerson,

and

Selections from the work of any 20th century essayist or essayists (not necessarily in a single volume).

A total of not less than twenty essays will be expected in the two categories taken together.

6 Twentieth Century Literature:

1951 and 1952: One of the following:

Shaw, *Saint Joan*
Galsworthy, *Strife* or *Loyalties*
Curie, *Madame Curie*
Agnes Newton Keith, *Land Below the Wind*
A collection of modern poetry
A collection of modern short stories

FRENCH

Two examination papers: one in Grammar and Comprehension; the other in Translation and Authors.

GRAMMAR AND COMPREHENSION

The examination will consist of the following four parts:

A. Oral Comprehension

Either a passage in French will be read to the candidates who will then be asked to anwer, in English, questions on this passage, or a French dictation will be given.

B. Written Comprehension

One or more short passages in French will be given to the candidates to read. They will then be asked to answer, in English, questions on these passages.

C. French Composition

A short essay to be written in French upon a topic selected by the candidate from a list printed on the examination paper.

D. Grammar

(a) Simple English sentences to be translated into French.

(b) Questions on fundamental grammatical forms (plurals, tenses of verbs, feminines, etc.).

A detailed syllabus may be obtained from the Registrar's Office.

TRANSLATION AND AUTHORS

A. Translation from English into French.

B. Translation from French into English:
one sight passage,
one or more passages from the texts.

C. Questions on the texts to be answered in French.

French Texts:

1951. Maupassant, *Ten Short Stories* (Ginn); Deval, *Tovaritch.*

1952. Daudet, *Tartarin de Tarascon* (Holt); Acremant, *Ces Dames aux Chapeaux Verts* (Oliver & Boyd).

GEOGRAPHY

One examination paper.

Geography is taken to be primarily the study of the earth as the home of differentiated communities and cultures; this calls for a clear understanding of the ways in which men have shaped the habitable parts of the environment to their own ends and have themselves been influenced in the process. It also calls for an examination of the functional role of land forms, rivers, climates, vegetation, etc., in guiding human activities.

It is assumed that candidates will know how to handle topographic, climatic, and distributional maps, and that they will be able to draw simple sketch maps (e.g. of their home area). They may be asked to insert data on a base map of a given country or continent, and to describe and analyze the geographical features of selected photographs.

A. General Geography (two-fifths of the course)

A study of the world in outline, with special reference to the following subjects:

Size, shape, and movements of the earth.

Latitude and longitude.

Distribution of land and water.

Tidal phenomena and ocean currents.

Land forms and the agencies modifying them.

Configuration and surface characteristics of the continents.

Factors determining climates: the broad distribution of winds, temperature, rainfall, vegetation, and animal life.

Major natural regions and their characteristic human economies.

B. Regional Geography (two-fifths of the course)

Canada and the United States in considerable detail. Emphasis should be placed on the geographical factors influencing their settlement and subsequent economic development.

C. Maps (one-fifth of the course)

The elements of map-making and map-reading. Candidates are expected to show familiarity with the topographical maps produced by the Hydrographic and Map Service Branch of the Department of Mines and Resources.

GERMAN

Two examination papers: one on prescribed texts, and one on grammar and translation of continuous passages from German into English and from English into German.

B.A.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 8. (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, 15; A. Sapper, Frieder, Im Thüringer Wald (F. S. Crofts & Co., New York, 1934).

Grammar: A thorough knowledge of German accidence and syntax.

Translation at Sight from English into German and German into English of easy prose passages.

B.Sc.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 1, (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, 15; and Fiedler and Sandbach, A first German Course for Science Students (Oxford University Press).

Grammar: A knowledge of German accidence and syntax.

Translation at Sight of sentences from English to German and of easy prose passages from German into English.

GREEK

Two examination papers: one on Colson and Grammar; the other on Allen and Composition.

Texts: Colson, Greek Reader, Parts III, IV, V (Macmillan); Allen, The First Year of Greek, Lessons 1-34 inclusive, with the Exercises belonging to these lessons (Macmillan).

Grammar: Knowledge of grammar will be tested by translation and by grammatical questions based on the specified texts.

HISTORY

One examination paper is offered in each of the three following fields:

(*a*) *General History from 1618-1914*

(*b*) *British History from 1714-1914*

(*c*) *Canadian History to 1927*

In preparing for the History papers a rigid adherence to any one author or to any one book is quite undesirable. Instead, a broad and extensive basis of reading and study should be encouraged, provided always that the standard of historical scholarship normally recognized as applicable to the last two years of secondary school work is not exceeded.

GENERAL HISTORY and BRITISH HISTORY

For both the European continent and the British Isles a descriptive knowledge of the principal physiographical features and their historical influence is assumed; also a similar descriptive knowledge of races and nationalities with their geographical distribution and inter-relations.

Candidates should be trained in an elementary technique in dividing their subject as a whole into successive periods or eras. For each successive period this elementary technique should be carried to a point at which a candidate is equipped to indicate the following : 1—the prevailing and distinctive characteristics of a period together with the transitional

influences leading to the next; 2—the political and other movements common to several countries at the same time; 3—the history of individual countries or States both large and small, when these are of outstanding importance; 4—the changing views of the nature of the State and of the nature of government and public authority; 5—international relations and foreign policy in general; 6—the Balance of Power, the purposes and objects of wars, military and naval history, treaties of alliance and of peace; 7—such leading topics as the Eastern Question, Mediterranean rivalry, the Rhine as a frontier, the Polish and the Irish Questions, etc. Religious changes and the history of Churches should be viewed in the light of their relations with the State as well as of their broader connections with society. A beginner's acquaintance should be sought with different ways of political thinking involved in such schools of thought as Liberalism, Conservatism, Reaction, Socialism, Imperialism, Nationalism, etc. To these should be added an elementary study of commerce and commercial rivalry, of transport and transportation routes, together with an outline sketch of the progress of science, of industry and industrial life, of education, letters, and the fine arts. For the British Isles, industry, industrial life, and constitutional development are naturally to be stressed.

General history (1618-1914) is intended to include the history of European countries during this period, together with some knowledge of that of their colonies.

A supplementary use of biographies and of historical fiction is strongly advised. The following books are suggested as examples of what the candidates may be recommended to read in this connection, but it is not intended to imply that teachers should not be at liberty to suggest additional works to their classes in accordance with their particular interests. The paper will include questions which will give candidates an opportunity of showing their knowledge of these supplementary readings.

General History, 1618-1914:

K. Federn:	Richelieu
F. Watson:	Wallenstein
J. Buchan:	Cromwell
F. Funck-Brentano:	The Old Regime in France
A. Young:	Travels in France
H. Fisher:	Napoleon
J. Holland Rose:	The Personality of Napoleon
P. Guedalla:	The Hundred Years
H. du Coudray:	Metternich
P. Guedalla:	The Second Empire
G. M. Trevelyan:	Garibaldi and the Thousand
E. Ludwig:	Bismarck

British History, 1714-1914:

J. Addison:	Essays from the Spectator
H. Walpole:	Selected Letters (Everyman)
J. L. and B. Hammond:	The Village Labourer
Cobbett:	Rural Rides
P. Guedalla:	The Duke
J. L. and B. Hammond:	Lord Shaftesbury
Mrs. Craik:	John Halifax Gentleman
L. Strachey:	Queen Victoria
L. Strachey:	Eminent Victorians
A. Maurois:	Disraeli
Quennell:	History of Every-day Things in England, 1733-1851
H. Spring:	Fame is the Spur

CANADIAN HISTORY TO 1927

There are no textbooks assigned to this course. Such histories of Canada as Stuart Wallace's *History of the Canadian People*, or Duncan McArthur's *History of Canada*, or G. W. Brown's *Building the Canadian Nation* are useful in drawing together the various aspects of the subject.

A general knowledge of Canadian history should be sought. Candidates must be familiar with the main features of Canadian geography, and be able to relate these features to historical development in successive periods. Special attention should be given to social and economic history; political and constitutional history may be taught best in relation to social and economic growth. It is desirable, also, that students have some knowledge of the racial groups from which the modern Canadian people evolved.

(1) Geography; the North American Indians.

(2) The Era of Discovery, 800-1600.

(3) Canada as a Province of France, 1600-1763.

The Fur Trade and Exploration; the peopling of New France; the place of the Church in the life of the Province; the government of New France; the struggle for supremacy in North America.

(4) Canada as a British Province, 1760-1860.

French Canada and British rule; contests with the United States, 1775-1814; the West and the Fur Trade; the coming of the British immigrants; the lumber trade and the wheat trade in Eastern Canada; transportation by river, road, and rail; the struggle for self-government.

The Confederation movement; the West; the tariff, and the first transcontinental railway; progress in the early twentieth century;

the First Great War, and the post-war era; the development of diplomatic relations to 1927.

A wide reading of biographies and of historical fiction is strongly recommended. More specialized books may be consulted also. *The Makers of Canada* contains much good biographical material; *The Chronicles of Canada*, material of a more general character. The following list of books is in no way exhaustive, but is intended to suggest to the teacher some of the books available.

J. L. Burpee:	An Historical Atlas of Canada.
C. W. Jefferys:	Illustrations from Canadian History, Vol. 1.
Brown, Woodley, Denton, and Talman:	Readings in Canadian History.
G. Wrong:	The Rise of Fall of New France.
E. C. Guillet:	The Great Migration.
H. Keenleyside:	Canada and the United States.
D. C. Harvey:	The Colonization of Canada.
G. Bouchard:	Other Days; Other Ways.
A Macmechan:	Old Province Tales.
W. Cather:	Shadows on the Rock.

LATIN

Two examination papers: one on the Prose authors and Composition; the other on the Poets, Sight Translation, and on the textbook *Everyday Life in Rome.*

Texts (Translation and Grammatical study)

Bonney and Niddrie, *Latin Prose and Poetry* (Ginn & Co.)

Cicero III, V, and Letters III, V, VI.
Nepos III, IV, V, VI, IX, XI.
Livy I, VII, VIII.
Pliny IV.
Virgil, Part 1. I-VII.
Part 2. Georgics IV, V.
Aeneid III, IV.
Ovid II, III, VI, VIII, IX, X.
Horace IV, V, VI.
Catullus III, IV, V, VII.

Treble and King, *Every-day Life in Rome* (Oxford)

Knowledge of grammar will be tested by translation and composition, and by questions in grammar based on the specified texts.

Translation at Sight from Latin into English (with the aid of a vocabulary of unfamiliar words).

Composition. Translation into Latin of detached sentences. The vocabulary is based upon the texts studied.

(There will be no questions set upon: subordinate clauses in indirect narration; temporal clauses with *dum*, *donec*, and *quoad; antequam* and *priusquam; quin* and *quominus* clauses; causal and concessive clauses.)

NOTE—The "Roman" method of pronouncing Latin is recommended.

MATHEMATICS

ELEMENTARY MATHEMATICS

HIGHER ARITHMETIC

One examination paper.

1. Addition, subtraction, multiplication, and division of integers. Factors, highest common factor, and least common multiple.

2. Properties of vulgar fractions including addition, subtraction, multiplication, and division. Complex fractions.

3. Properties of decimals including the conversion of vulgar fractions into decimals and vice versa. Extraction of square root. Contracted multiplication and division of decimals.

4. Simple properties of ratio and proportion. The unitary method.

5. Simple properties of percentages, e.g., changing a fraction to a per cent and vice versa, finding what per cent one number is of another.

6. Units of measurement and changing from one unit to another. A knowledge of the standard tables of weights and measures will be expected, e.g., length, area, volume, capacity (liquid and dry), apothecaries (fluid and weight), avoirdupois and troy weight, time, English and Canadian monetary systems. The metric system.

7. Simple mensuration of the rectangle, triangle, parallelogram, trapezoid, circle, cylinder, cone, and pyramid.

8. The construction and interpretation of simple graphic and other representative diagrams of concrete numbers.

Candidates will be expected to apply the preceding principles to the solution of simple problems such as the making of solutions and preparation of dosages, the relation between pressure and temperature of a gas, the comparison between Fahrenheit and Centigrade thermometer scales, etc.

Students should be taught to apply rough approximations, such as

$$\frac{3.1416 \times \sqrt{64.37}}{\sqrt[3]{126}} \approx \frac{3 \times 8}{5} \approx 5$$

to check the accuracy of their work, and they should also be shown how to use tables of squares, square roots, cubes, and cube roots of integers and decimals. A knowledge of circulating decimals will not be required.

ELEMENTARY ALGEBRA

One examination paper.

Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations involving one or more unknown quantities, ratio and proportion, as in High School Algebra by J. T. Crawford (Revised Edition, 1940) published by Macmillan and Co., pp. 1-320, or similar textbooks.

ELEMENTARY GEOMETRY

One examination paper.

The paper will contain questions on practical and on theoretical geometry.

In practical geometry, where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate must provide himself with a ruler graduated in inches and tenths of an inch, and in centimeters and millimeters, a set square, a protractor, compasses, and a hard pencil. All figures should be drawn accurately.

The questions on theoretical geometry will consist of theorems contained in the textbook prescribed, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition will be accepted if it forms part of a systematic treatment of the subject.

In the proof of theorems and deductions from them, the use of hypothetical constructions will be permitted. Proofs which are only applicable to commensurable magnitudes will be accepted.

Textbook recommended:—Geometry for High Schools by W. J. Lougheed and J. G. Workman, published by the Macmillan Co. of Canada (1941), omitting pp. 223-224, 242, 308-314, 323-329, or the same subject matter in any similar textbook.

INTERMEDIATE MATHEMATICS

Four-figure mathematical tables will be provided.

INTERMEDIATE ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Son, Toronto, or as in similar textbooks.

INTERMEDIATE TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios of functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, easy problems on heights and distances, easy trigonometrical equations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools (1940 edition), published by the Macmillan Company of Canada, Chaps. I to XI inclusive, omitting paragraph 113a, or as in similar textbooks.

MUSIC

The Intermediate Grade Certificate of McGill University in practical subjects and the Junior Grade Certificate in theoretical, *or* vice versa. (Details will be found in the Announcement of the Conservatorium of Music.)

PHYSICS

One examination paper.

The following are the main topics required in Mechanics, Heat, Electricity, and Magnetism.

Mechanics

Measurements of length, area, volume, mass, and weight. The beam and spring balances.

Uniform and uniformly accelerated motion in a straight line; Newton's laws of motion and simple applications of them. Motion under gravity; the law of gravitation. Moments of forces; composition of parallel forces, equilibrium of forces (parallelogram and triangle laws); centre of gravity, Work, energy, power. Sliding friction. Mechanical advantage of a machine; levers, pulleys, wheel and axle, differential pulley and differential wheel and axle, inclined plane, wedge, screw; efficiency of a machine.

Density and specific gravity. Fluid pressure, Pascal's law; hydraulic press. Relation between pressure and depth. Buoyancy; Archimedes Principle; floating bodies. Measurement of specific gravity of solids and liquids; specific gravity bottle, hydrometer.

Weight and pressure of air; barometers, determination of altitude, weather forecasting, Boyle's Law. Air pumps and compressors. Pressure gauge. Suction and force pumps, siphon.

Surface tension and capillarity (qualitative treatment).

Heat

Elementary ideas of the structure of matter and kinetic theory of gases. Sources of heat. Temperature; construction of a liquid in glass thermometer, fixed points, graduation; Centigrade and Fahrenheit scales. Expansion of solids, coefficient of linear expansion; expansion of liquids, anomalous expansion of water. Expansion of gases, Charles' Law, absolute temperature; the gas equation.

Heat quantity and its measurement in calories and B.T.U., specific heat, capacity for heat; calorimetry by method of mixtures. Change of state; fusion and solidification; effect of pressure on melting point; heat of fusion; freezing mixtures; vaporization, rate of evaporation, saturated vapour, boiling, effect of pressure change (including altitude); heat of vaporization of water; cooling by evaporation. Condensation of water in the air; dew point; relative humidity, wet and dry bulb hygrometer, humidity and health; atmospheric phenomena—fog, clouds, dew, frost, rain, snow, hail.

Mechanical equivalent of heat; steam engine.

Conduction of heat, solids, liquids, and gases; convection, currents in fluids, winds; radiant heat, emission and absorption; heating of buildings, ventilation; refrigeration.

Magnetism

Natural and manufactured magnets; polarity, attraction and repulsion. Magnetic induction, magnetic field. Molecular theory of magnetism. The earth as a magnet; compass, declination, dip.

Static Electricity

Electrification by friction, attraction and repulsion, two kinds of electrification; conductors and insulators; electrons; gold leaf electroscope. Electrification by contact and by induction; testing charge on a body; induced charge equal to inducing charge; charges by friction equal and opposite; charges reside on outside of empty hollow conductor. Action of points, lightning rods. Potential, capacity, condensers, Leyden jars.

Current Electricity

Magnetization of steel by discharge of Leyden jars.

Voltaic cell, electric circuit, series and parallel arrangements. The magnetic, chemical, and thermal effects of a current; Oersted's experiment, magnetic field due to a straight wire, circular wire, and helix; polarity. Action of one current on another, Ampère's Laws, tangent and moving coil galvanometers. Electromagnet. Electric bell and telegraph. Electrolysis of water, laws of electrolysis, coulomb, measurement of current; electroplating. Voltaic cell, chemical action, electromotive force, polarization, local action. Leclanche and dry cells. Storage cells, lead accumulator. Heat developed by current; electric iron, fuses, incandescent lamp and arc light. Ohm's Law; practical units, ampere, volt, ohm; fall of potential in circuit, method of substitution for measuring resistance. Law of dependence of resistance on length and cross-section of cylinder. Work done in a circuit, rate of working in circuit and in lamp. Ammeters and voltmeters.

Electromagnetic induction; Faraday's experiments. Induction coil. Dynamo, armature, field magnets, commutator for D.C. electric motor, transformer, telephone.

SPANISH

Two examination papers.

One paper will contain questions on grammar, and sentences to be translated from English into Spanish.

The second paper will contain questions on the set text, including translation and comments on the grammar and contents. It will also contain the translation into English of an unseen Spanish passage, and the translation into Spanish of an unseen English passage.

Text prescribed: John W. Crow, *Spanish American Life* (Holt).

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, the Faculty of Engineering, and other faculties and schools.

Admission to the various faculties is based upon standards set from time to time by each faculty. The Admissions Committees require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation,

(2) The subjects of the examination and the school course followed are those the University requires,

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without having obtained an official acceptance of their application.

The following certificates will be considered *on their merits* towards meeting the University requirements for the equivalent of Junior Matriculation. It should be particularly noted that possession of a certificate which is listed does not guarantee acceptance.

Candidates for admission offering certificates which are not a full equivalent may be required to pass one or more McGill papers.

PROVINCE OF QUEBEC

The High School Leaving Certificate
The Catholic High School Leaving Certificate

PROVINCE OF ONTARIO

Middle School

PROVINCE OF NEW BRUNSWICK

Junior Matriculation

PROVINCE OF NOVA SCOTIA

Grade XI Certificate

PROVINCE OF PRINCE EDWARD ISLAND

Second Year Certificate of Prince of Wales College

PROVINCE OF BRITISH COLUMBIA

Junior Matriculation

PROVINCE OF MANITOBA

Grade XI Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN

Grade XI

NEWFOUNDLAND

Grade XI Certificate

GREAT BRITAIN

The School Certificate of:

The Oxford and Cambridge Schools Examination Board
The Oxford Local Examination Board
The Cambridge Local Examination Board

The Northern Universities Joint Examination Board
The Central Welsh Board
The University of Durham
Bristol University
The University of London

The University of London Matriculation

The Certificate of Fitness issued by the Scottish Universities Entrance Board.

The conditions under which the School Certificates above will qualify a candidate for admission to the Faculty of Arts and Science are approximately those required by Oxford or Cambridge University. In general, at least five credits must be obtained in subjects other than Religious Knowledge, and the certificate must show passes in English, Mathematics, a Modern Foreign Language, and (for entrance to the B.A. course) a Classical Language or (for entrance to the B.Sc. course) a Science.

UNITED STATES

1. McGill University recognizes the examinations conducted by the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, and all candidates from the United States are strongly advised to write these tests.

2. Applicants for admission should preferably write the January or the March tests, taking the Scholastic Aptitude Test and three Achievement Tests. The Achievement Tests should be chosen in consultation with the applicant's school Principal. Further particulars are obtainable from the Registrar's Office.

3. In addition, applicants must submit their complete High School record and should arrange for a confidential letter from the school Principal or other competent officer to be mailed directly to the University.

MISCELLANEOUS

Other certificates, such as those issued by universities or recognized public Examining Boards, will be judged on their merits and accepted insofar as they meet the entrance requirements.

Senior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain the Senior School Certificate the candidate must pass in English Literature and English Composition and in at least three of the following subjects:

Accountancy	Greek
Biology	History
Chemistry	Latin
Drawing	Mathematics
French	Music
Geography	Spanish
German	Physics

To satisfy the examiners in a language the candidate must pass in each of the two papers in this language.

To satisfy the examiners in Mathematics the candidate must write and pass at least two of the three papers offered in this subject.

PASS MARK

The pass mark in each paper is fifty percent.

CLASSES OF CERTIFICATE

Successful candidates are awarded a Senior School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles the candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTION

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

UNIVERSITY ENTRANCE REQUIREMENTS (SENIOR MATRICULATION)

Under certain conditions, a candidate may qualify for admission into the second year of the Faculty of Arts and Science or the Faculty of Engineering by writing and passing the required papers of the Senior School Certificate Examination.

FACULTY OF ARTS AND SCIENCE

A candidate may be considered for admission to the second year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65 to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

The same provisions regarding re-written papers apply to Senior Matriculation as apply to Junior Matriculation (see page 511).

Only in exceptional circumstances may a student who has not qualified for entrance to the first year through Junior Matriculation be admitted to the second year by Senior Matriculation alone.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.A. DEGREE

English
Latin or Greek
Mathematics (*see following paragraph and also footnote on page 537*)

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates for admission to the University in the second year of the B.A. course may offer, in place of Mathematics, another subject at Senior Matriculation in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a pre-requisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or in History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed in the Elementary Mathematics of the Junior School Certificate, or their equivalent, and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Candidates who wish to enter the Faculty of Medicine at the end of the B.A. course must take Mathematics.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE BSc. DEGREE

English
Mathematics*

*Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

Physics
Chemistry
French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Com. DEGREE

English
Mathematics**
Accountancy
A modern foreign language
History *or* a second foreign language *or* a Science (including Geography)

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.F.A. DEGREE

English
French
History
Art
One other subject

FACULTY OF ENGINEERING

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

English
Mathematics (all three papers are required)
Physics
Chemistry
French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography.

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*A candidate who has passed the two papers in Junior French may satisfy the Senior B.Sc. or B.Eng. German requirements by passing the Junior examination in German.

**Algebra and Trigonometry. However, a candidate who has passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and September 1951

In all papers marks will be deducted for errors in spelling and grammar.

ACCOUNTANCY

One examination paper.

Double-entry Book-keeping, including all subsidiary books and ledgers, up to and including the use of Control, Total, or Balancing Accounts; closing off of ledgers; preparation of Trading and Profit and Loss Statements and Balance Sheets.

Books specially required:

Cash-Book suitable for an office where all cash and cheques received are banked daily, all payments above a certain amount are made by cheque, and all lesser payments through petty cash. Cashier to be able to show the balance in the bank at any time at very short notice.

Cash-Book suitable for an office where sums of cash are kept in the office, in addition to petty cash, and deposits in bank do not include whole of receipts. Cashier to be able to show balances of cash, etc., in office and in bank at any time, and at very short notice.

Departmental Sales and Purchases Journals for recording transactions in different classes of goods.

General Journal ruled so as to segregate items according to ledgers into which they are to be posted, in order that totals may be posted to control accounts.

Other matters specially required:

Bills and Notes Payable Registers.
Imprest System of Petty Cash.
Reserve for Bad Debts, Discounts, and Depreciation.
Inward and Outward Consignments.
Inward and Outward Freight on Merchandise purchased and sold.
Accrued Expenses and Deferred Charges.
Single Entry Book-keeping.
Use of Working Sheets.

Candidates may be required to define and explain such terms as the following:

Invoices; I.O.U.'s; promissory notes; bills of exchange and parties thereto; acceptances, endorsements, etc.; cheques; bills drawn in a set, bills of lading; capital and revenue receipts and expenditure; current and fixed assets; capitalization.

Marking is arranged so as to prevent any candidate obtaining a pass unless he has shown that he has a sound knowledge of what is outlined in the first paragraph. No candidate is passed who does not show that he understands Control Accounts and their uses. For this purpose subsidiary ledgers and their control accounts in the General Ledger must be shown in full; in addition, the books of original entry must be so ruled and organized that they will produce the required figures no matter how large may be the quantity of items dealt with.

ART—*See Drawing.*

BIOLOGY

One examination paper.

The botanical part of this syllabus is the same as for Junior School Certificate Botany (p. 516) with the following modifications:—

(a) further knowledge of the ecological interrelation of plants and animals is required.

(b) knowledge of the characteristics of particular families of flowering plants is *not* required.

In order to fulfil the requirements of the syllabus satisfactorily, pupils must undertake individually the dissection of animals, section-cutting of plant tissues, microscopic examination of small organisms and tissues, and simple physiological experiments.

A more intensive study of the Junior School Certificate syllabus is expected, with extension along the following lines:

I. The structure, life-history, principles of classification, and evolutionary relationships of the following, based on practical study:

Plants:

Thallophyta:	Algæ—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria,
	Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi including at least one parasitic form.
	Lichens—general.
Bryophyta:	A Liverwort, a Moss.
Pteridophyta:	A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.

Angiosperms —a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

Animals:

Protozoa—Amœba, Euglena, Paramœcium, Plasmodium.

Cœlenterata—Hydra, Obelia.

Platyhelminthes—Fasciola, Tænia.

Annelida—Lumbricus, external characters of a Polychæte

Arthropoda—Crayfish, Grasshopper.

Mollusca—Clam or Snail.

Cephalochorda—Amphioxus.

Pisces—Dogfish.

Amphibia—Frog.

Mammalia—Rabbit or Rat, skull of Dog or Cat.

Comparison of the various organ-systems in the animals listed.

Asexual and sexual reproduction. Alternation of Generations.

Elements of vertebrate embryology as found in the developing Frog and in the Chick (up to end of third day of incubation), to be studied practically.

II. Physiology: structure in relation to function.

Plants—Microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

A fuller knowledge of the principal physiological processes as outlined in the Junior Syllabus. This should be based on simple experiments carried out by the student, which he may be asked to describe.

Animals—The chief physiological processes, as outlined in the Junior Syllabus, should be studied more fully and comparatively in all the types listed in Section 1.

Tissues and organs and their functions as observed in Vertebrates.

Respiratory pigments. Vitamines, Hormones. Commensalism. Parasitism.

III. Field Natural History and Ecology.

This should be extended beyond the Junior Syllabus to include study of several biotic communities of the neighbourhood, with some knowledge of the dominant plants and animals in each and their relation to one another and to the physical environment.

Life zones and living natural resources of Canada.

IV. Heredity and Evolution.

The main principles of heredity and variation among plants and animals.

Cytological basis of heredity.

Evidences of organic evolution.

CHEMISTRY

One examination paper.

A general survey of Inorganic Chemistry including the Kinetic and Atomic theories, molecular, atomic and equivalent weights, the theory of ionization with elementary examples of ionic equilibrium, rates of chemical reaction and the law of mass action, oxidation and reduction, the electromotive series of the metals, the periodic law, the electronic theory of valence, and the preparation and properties of the more important elements and their compounds.

This is to be accompanied by descriptive and quantitative experiments including volumetric analyses, illustrative of the important principles and theories.

The student's notebook, setting forth his own laboratory work (together with any problems or exercises carried out in connection with the laboratory work), certified by the Instructor and the Principal of the School, must be forwarded to the Registrar for the examiner's evaluation *before the date of the written examination.*

DRAWING

No examination paper.

Students applying for Senior School Certificate standing in Drawing must present a portfolio of original work. The portfolio must be accompanied by a statement signed by the student and another signed by the art teacher, or the school principal, certifying that the work contained in the portfolio is original work of the student not corrected by any other hand.

The portfolio should contain:

A. Ten studies from life, of which at least five must be of the nude human figure. The remainder may be of the nude model, of the draped human model, or of animals. At least five of the above studies must be in charcoal, the remainder in any graphic or painting medium.

Candidates should bear in mind that what is required is not so much proficiency of performance as evidence of understanding of form and structure.

B. Five sketches for compositions, either in black and white or in colour. They may be with or without a representational subject; in either case they should stress the elements of design.

C. Five other examples of their work: these may include drawings, paintings (of any subject in any medium); applied designs (posters, textile designs, etc.).

The dimensions of the work listed above must be not less than 16 x 20 inches. Candidates would do well to add to their portfolios a sketch book or a group of quick sketches.

ENGLISH

Two examination papers: one on English Literature and one on English Composition.

COMPOSITION

The examination will be designed mainly to test the candidate's ability to write English. He will be expected to have acquired a fairly clear and accurate style, to be able to arrange material in an effective fashion, and to show discrimination in the choice of words. In preparation for the examination it is suggested that students be required to write mainly on simple, expository subjects that are within the range of their actual experience.

LITERATURE

Candidates are required to make an historical and critical survey of English Literature from Chaucer to the present day. The works which should be studied in the course of this survey are listed below. It is recommended that all the works in the list be studied; but a specially careful study should be made of those marked with an asterisk.

*1. Shakespeare—1951 Either *Antony and Cleopatra* or *The Winter's Tale.*
1952 Either *King Lear* or *Cymbeline.*
1953 Either *Coriolanus* or *The Tempest.*
No particular edition of the above is prescribed.

*2. Milton— 1951 *Paradise Lost, Books I and II,* and *Book III lines 1-55.*

1952 *On the Morning of Christ's Nativity, L'Allegro, Il Penseroso, Arcades, Comus, Lycidas.*

1953 *Samson Agonistes.*

No particular edition of the above is prescribed.

*3. One Poet of the Nineteenth Century—

1951 Keats.
1952 Wordsworth.
1953 Byron.
In each case the work prescribed is all the material included in the Clarendon Press selection.

4. The following texts from *Century Readings in English Literature,* edited by Cunliffe, Pyre, and Young:

(a) Poetry:

Chaucer, *Prologue to the Canterbury Tales.*
All the Ballads included in the volume.
Spenser, *The Faerie Queene, Book I, Canto 1.*
All the lyrics by Campion, Herrick, Herbert, and Vaughan, included in the volume.
Dryden, *Astraea Redux.*
*Pope, *The Rape of the Lock.*
All the poems by Gray and Cowper included in the volume.
Wordsworth (1951 and 1953; not 1952). *The Solitary Reaper, Ode to Duty,* and *Character of the Happy Warrior.*
Coleridge, *Frost at Midnight.*
Shelley, *Ode to the West Wind,* and *Final Chorus from Hellas.*
Byron (1951 and 1952; not 1953). *Don Juan, Canto iii.*

Keats (1952 and 1953; not 1951). *Eve of St. Agnes.*
Tennyson, *Milton*, and *To Virgil.*
Browning, *Abt Vogler.*
Arnold, *Rugby Chapel.*
Rossetti, *My Sister's Sleep.*
Swinburne, *The Garden of Proserpine.*

(b) Prose:

Malory, *Morte D'Arthur: Preface by Caxton, and first five chapters of Book 21.*
Bacon, *Of Truth*, and *Of Studies.*
Walton, *Compleat Angler, Chapter IV.*
Bunyan, *Pilgrim's Progress*, the extract included in the volume.
Defoe, *The Education of Women.*
*Swift, *A Modest Proposal.*
Steele, *Sir Roger in Love.*
Addision, *Sir Roger at the Assizes, Party Patches*, and *Westminster Abbey.*
*Johnson, *Letter to the Earl of Chesterfield.*
*Newman, *The Idea of a University, Discourse VI.*

5. Poems by any or all of the following, selected at the discretion of the candidate from any available editions:
Housman, Davies, Hardy, Yeats, Auden, Spender, Eliot.

6. Any five items selected from the *Pocket Book of Short Stories.*

*7. E. M. Forster, *A Passage to India.*

*8. J. M. Synge, *Riders to the Sea.*

FRENCH

Two examination papers: one on Texts and Grammar and one on Composition and Sight Translation.

Texts: 1951—Lavisse, *Histoire de France, Cours Moyen;* A. Daudet, *Neuf Contes Choisis* (Holt); Dumas, *Les Trois Mousquetaires* (Heath); St. Exupéry, *Le Petit Prince* (Houghton Mifflin); Romains, *Knock* (The Century Co.).

1952—Lavisse: *Histoire de France, Cours Moyen;* Beaumarchais, *Le Barbier de Seville* (Petits Classiques Larousse); Daudet, *Neuf Contes Choisis* (Holt); St. Exupéry, *Le Petit Prince* (Houghton Mifflin); Romains, *Knock* (The Century Co.).

Translation at Sight from English into French and from French into English.

**Oral Examination:* An oral examination is held in centres where this is possible, and students intending to study French at the University are strongly advised to take this examination. The oral examination is given in *addition* to the two papers. Success in the oral examination is recorded on the candidate's certificate. A candidate who fails in the oral examination does not thereby prejudice his chances of obtaining a certificate, but is treated exactly as though he had not attempted the oral test.

GEOGRAPHY

It is presumed that candidates taking this examination will have mastered the elements of geography as outlined in the syllabus for the Junior Examination.

A. *Local Geography* (one quarter of the course)

An intensive study of the candidate's home locality, especially of the distribution of population and economic activities in relation to the main physical features and climate of the region. This study should be based on actual excursions and a detailed examination of the appropriate large scale maps (published by the Hydrographic and Map Service Branch of the Department of Mines and Resources).

B. *Regional Geography* (three quarters of the course)

A detailed study of the Americas (North, Central, and South) and Europe, including the U.S.S.R. The general lines of the course should follow the directive laid down in the Junior Examination syllabus, but greater attention should be given to the following matters:

(i) The geological structure of the countries concerned, and the effect of this structure on the scenery and natural resources.

(ii) The part played by the countries of Europe in the history of exploration and the development of maritime trade.

(iii) The characteristic settlement types and distribution of population in the various countries, and the ways in which these are changing.

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*Candidates who wish to take the examination in Oral French at a centre outside Montreal must send in the special early notification mentioned in the footnote on page 506.

GERMAN

(*See footnote on page 538 concerning the Senior B.Sc. or B.Eng. German requirements in special cases.*)

Two examination papers: one on prescribed texts and one on translation of unseen passages from German into English and from English into German.

Texts: Th. Storm, Immensee (Morgan-Wooley-Heath); G. Keller, Kleider Machen Leute (Heath); F. Bauer, Das tickende Teufelsherz (Crofts).

Translation at Sight from German into English and from English into German.

GREEK

Two examination papers: The examination will include a paper on grammar, composition, and sight translation.

Homer, Iliad XXII (Pitt Press Series, Camb. Univ. Press); Lysias, pp. 30-92, in Shuckburgh's Lysias, Orationes (Macmillan).

N.B.—Although the above editions are suggested, others may be used.

HISTORY

One examination paper.

General History of Europe from the break-up of the Roman Empire to 1914.

In point of extent the examination will include the history of Europe from the break-up of the Roman Empire to 1914. An advanced outline knowledge of the fifteen centuries involved is assumed, following the general consideration laid down for the study of the briefer period, 1618-1914 in the Junior Certificate requirements. (See page 524.) Candidates are expected to have read extensively selected documentary sources; to this end constant reference to some collection of documentary sources is essential. Regular use of an historical atlas of high standard is likewise essential. Stress should be laid, as far as possible, upon the institutional side of historical change, and upon the importance of institutions, political and otherwise, in the social structure. Candidates should have acquired proficiency in describing and explaining, with the correct use of elementary technical terms, the organization of European society at any given period, and the changes in organization from one period to another.

An elementary institutional knowledge should be shown in the discussion of such topics as: the civilizing mission of the Church in the

Dark Ages; feudal and manorial society and medieval town life; the City-States of Renaissance Italy with their cultural and economic interests; the emerging of the monarchical-national State; the era of overseas discovery, exploration, and settlement; the Protestant revolt and Catholic reaction with their ensuing wars; the regime of unlimited monarchy; the rise of democracy, the Napoleonic period; the influence of 19th century nationalism; and the adjustment of the Balance of Power leading to the outbreak of the First World War.

Candidates should read at least one of the works in each of the following groups:

(1) Einhard's Life of Charles the Great (tr. S. E. Turner, American Book Co., or W. Glaister, Bell & Son); Memoirs of the Crusades (Everyman's Series); Froissart's Chronicles (Everyman's Series).

(2) Machiavelli's Prince (Everyman's Series); Macaulay's Essays on Machiavelli and on Ranke's History of the Popes; Motley's Rise of the Dutch Republic. Part III (Everyman's edition, vol. II).

(3) Macaulay's Essays on the War of the Succession in Spain and Frederick the Great; Carlyle's French Revolution.

(4) A. W. Kinglake's Eothen; G. M. Trevelyan's Garibaldi and the Thousand.

LATIN

Two examination papers.

The examination will include a paper on grammar, composition and sight translation.

Text: A. Petrie, *A Latin Reader* (Oxford University Press)

Caesar VIII, IX.

Cicero XIII, XV, XXXIV, XXXVI, XL, XLIII.

Sallust XLV.

Livy LI, LII.

Pliny LXVI, LXIX.

Catullus LXXIII-LXXVI.

Virgil LXXXVII, XCIII, CI.

Horace CIV, CV, CVI, CIX.

Ovid CXXIV, CXXXIII, CXXXVII.

MATHEMATICS

Four figure mathematical tables will be provided

ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, functional notation, graphical representation, miscellaneous series such as the sum of the squares and of the cubes of the natural numbers with easy deductions therefrom, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Sons, Toronto, or as in similar textbooks.

CO-ORDINATE GEOMETRY

One examination paper.

The elements of the coordinate geometry of the straight line and circle as in A New Analytic Geometry by J. E. Durrant and H. R. Kingston, published by the Macmillan Co. of Canada, pp. 1-153 inclusive, and pp. 292-296, or as in similar textbooks.

TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios or functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, solution of triangles using logarithms, easy problems on heights and distances, general values and inverse functions, limits and approximations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools, 1940 edition, published by the Macmillan Co. of Canada, Chapters I-XIII, XVII, XVIII and pp. 204-205, or as in similar textbooks.

MUSIC

Two written examination papers: one on Advanced Rudiments and Harmony and one on Form and Analysis and History. In addition there will be a short practical examination on Aural Training.

(a) HARMONY

Scales; intervals; transposition of melodies; use of C clefs; barring of certain passages and determining their keys; analysis of chords; chords up to the Dominant 7th and Augmented 6th. This course leads gradually

to the writing of simple harmony in 3 or 4 parts. The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Textbooks: MacPherson, Rudiments of Music; Kitson, Elementary Harmony—Part I.

(b) FORM AND ANALYSIS

Phrase. Sentence. Sequence. Cadence. Accent. Rhythm. Time. Melody. Modulation. Early Dance Forms. Suites—with special consideration of the Minuet and Trio.

Textbooks: MacPherson, Form in Music; MacPherson, Studies in Phrasing and Form; R. O. Morris, Structure of Music.

(c) HISTORY

Musical origins, Hebrew and Greek influence on early Christian Music. The rise of Music in two or more parts. Secular Music. English, Flemish and Italian composers. The Renaissance, Instrumental Music (lute, virginal, viol, etc.), Opera. Beginnings of the Orchestra. Bach and Handel. C. P. E. Bach and sonata form. Haydn. Mozart. The Romantic Movement. Nationalism in Music. Modern Music.

Textbook: Stanford & Forsyth, A History of Music; Hadow, Music.

(d) AURAL TRAINING

Development of a mental appreciation of scale degrees. Recognition of intervals and simple rhythms. Easy dictation. Sight Reading. Listening—to develop quickness of ear, memory, and natural accuracy. Quality of tone.

PHYSICS

One examination paper will be set upon a general knowledge of the more important principles of elementary physics, the scope being that of Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath) or of any equivalent text books.

Laboratory Work: Experiments should be performed equivalent to those outlined in *An Elementary College Course in Experimental Physics* (Renouf Publishing Co.) The student's notebook setting forth his own laboratory work, certified by the instructor and by the principal of the school, must be forwarded *before the examination* to the Registrar for inspection.

SPANISH

Two examination papers will be set as in the Junior School Certificate, but the examination will be of a more advanced character, and will include a short free composition.

Prescribed texts: — Baroja, Zalacain el aventurero (Heath & Co); A. Palacio Valdés, A cara o cruz (Macmillan).

CERTIFICATES RECOGNIZED

The following certificates will be considered on their merits towards meeting the University requirements for the equivalent of Senior Matriculation.

PROVINCE OF QUEBEC

Senior High School Leaving Certificate
Senior Catholic High School Leaving Certificate

PROVINCE OF ONTARIO

Upper School Certificate

PROVINCE OF NOVA SCOTIA

Grade XII Certificate

PROVINCE OF PRINCE EDWARD ISLAND

Third Year Certificate of the Prince of Wales College

PROVINCE OF MANITOBA

Grade XII Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN

Grade XII Certificate

PROVINCE OF BRITISH COLUMBIA

Senior Matriculation Certificate

GREAT BRITAIN

The Higher Certificates of:

The Oxford and Cambridge Schools Examination Board
The Oxford Local Examination Board
The Cambridge Local Examination Board
The Northern Universities Joint Examination Board
The Central Welsh Board
The University of Durham
Bristol University
The University of London

In addition, pupils of recognized British Public and Secondary Schools who have obtained their School Certificates with the requisite credits may be admitted to the Second Year without further examination, if they have satisfactorily completed at school a year's work beyond the School Certificate in the subjects of the McGill Senior School Certificate, and if they are specially recommended by their headmasters or headmistresses.

McGill University



Montreal

Scholarships, Bursaries, Prizes, and Medals

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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Bernice Bloom.....1948
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Vivian E. H. Brooks.....1948
Donald A. Dennis.....1948
Doreen D. Dowd.....1948
Keith N. Drummond.....1948
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Brian C. Goodwin.....1948
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Russell G. McGillivray....1949
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Scholarships, Bursaries, Prizes, Medals, and Loan Funds

I. GENERAL STATEMENT

1. DEFINITION OF TERMS

At McGill University the terms *Fellowship*, *Scholarship*, and *Bursary* have, in general, the following meanings. Exceptions are noted in the paragraphs describing individual awards.

Fellowship.—A grant made for postgraduate study or research, and based only on ability. The holder of a fellowship at McGill does not bear the title "Fellow" except in certain special cases.

Scholarship.—An award made to undergraduates or graduates based on academic standing alone. Financial need usually has no bearing on the awarding of a scholarship, but it may influence the amount of money subsequently awarded. Holders of University Scholarships (see below) are given the title "University Scholar". Holders of other scholarships do not receive any special title.

Bursary.—A grant made to a needy student who has reasonably good academic standing. Bursaries are not given to students with financial resources adequate to maintain them at the University. Normally, a bursary entails duties to be performed for the University. The size of a bursary usually varies with the need of the student. The holder of a bursary has no special title.

2. GENERAL REGULATIONS

(1) Scholarships are awarded and bursaries and loans granted only to students taking a regular course leading to a degree or diploma.

(2) Scholarships are awarded only if an adequate academic standard is attained.

(3) The annual income of scholarships and bursaries is usually paid in two instalments, one in October and one in February.

3. UNIVERSITY SCHOLARSHIPS

(1) Certain scholarships implying exceptionally high achievement have been designated "University Scholarships" by Senate.

(2) The winner of a University Scholarship receives the title and status of a "University Scholar". Winners of other scholarships do not receive this title or this status.

(3) Each University Scholarship is of a certain maximum amount, but the amount actually awarded depends upon the financial needs of the winner. At present the minimum total value of a University Scholarship is $100.

4. BURSARIES

(1) Bursaries are grants in aid of students of good scholarship who need such assistance to enter the University or to complete their course.

(2) The amount of a bursary varies with the need established.

(3) A bursary is renewable upon application and is tenable normally until the student has qualified for his degree or diploma, subject always to the dual condition that the need for it continues and that the standing of the student satisfies the University.

(4) The holder of a scholarship may apply for an additional bursary.

(5) Bursaries are normally paid in two instalments: viz.: one in October and one in February.

(6) Holders of bursaries may be required to undertake a certain amount of work for the University in return for their bursaries. The maximum number of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary,—whichever may be smaller.

If a student is able to study while carrying out this bursary obligation as, for example, some library assistants can, the number of hours required may be doubled.

5. LOANS

The University has a loan fund of strictly limited amount from which some assistance may be given to particularly deserving students under the following conditions:

(1) Loans are normally made only to students in upper years.

(2) Loans are made only to students of good academic standing who are specially recommended on personal grounds by the Deans of their Faculties.

(3) The loan, if granted, is made on the basis of an agreement between the applicant, or a sponsor of the applicant, and the University. The amount of the loan, the date, and the manner of its repayment, are made part of the agreement so that the debt may be fully discharged at the earliest possible date.

(4) An applicant for a loan should obtain an application form at the Office of his Dean and submit this, when completed, to his Dean for transmission to the Bursar.

6. INTERVIEWS

Awards and grants of money are made only after a personal interview unless this requirement is explicitly waived.

7. APPLICATIONS AND INQUIRIES

Unless otherwise stated below, applications and inquiries should in the first instance be made to the Registrar.

Applications for all entrance scholarships (see below), for University bursaries, and for the renewal of bursaries, should be made on forms which may be obtained from the Registrar's Office.

II. ENTRANCE SCHOLARSHIPS AND BURSARIES

A. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

1. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

The University offers not less than eight University Entrance Scholarships, each with a maximum value of $300 a year and a minimum total value of $100 a year (see page 606), together with a limited number of bursaries of smaller value*, tenable either in the Faculty of Arts and Science (including Commerce), or in the Faculty of Engineering, and renewable annually provided that the holders continue to merit the award.

Candidates for these awards are required to submit:

(*a*) their complete High School record.

(*b*) their marks or grades in any recognized matriculation or school-leaving examination.

(*c*) confidential letters from their school principals.

**See also the J. W. McConnell Memorial Scholarships, the Morris W. Wilson Memorial Scholarships,on page 610, and the George Herrick Duggan Memorial Scholarships on page 613, Sir William Macdonald Entrance Scholarships and the Sir Edward Beatty Memorial Scholarships on page 611 and the Canadian Pacific Railway Scholarships on page 613.*

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July. The school record and other supporting documents should be sent as soon as they are available. Applications for admission to McGill University should be sent in with the Scholarship Application Forms.

2. ELIGIBILITY

These scholarships and bursaries are intended for pupils of Public and Private Schools in Canada or elsewhere, but the University may, in exceptional cases, accept applications from other candidates.

Men and women are eligible on equal terms.

Applications will normally be accepted only from students who will be under the age of 20 on 1st October, 1951. In exceptional circumstances the University may waive this rule.

3. THE TITLE OF "SCHOLAR"

The winner of a University Scholarship is given the title of "Scholar." His name is printed as such in the Calendar and he has the status of a Scholar within the University.

After entering the University the winner of a University Scholarship is not required to study for honours, and may take the general course.

4. FINANCIAL NEED

The University may require the submission of evidence that the candidate needs the money award to further his educational interests. This evidence will normally include a statement from a parent or guardian. Whenever possible, moreover, the candidate will be interviewed. *Financial need will in no case affect the University's decision as to the winner of a scholarship, but may influence the amount of the award.*

The amount of the award made to any Scholar will not be published.

In special cases the University may consider an application from the winner of a scholarship for additional assistance.

B. OTHER ENTRANCE SCHOLARSHIPS AND BURSARIES

Unless otherwise stated, applications for these scholarships must be made to the Registrar before 1st July.

Unless otherwise indicated, the word "Examination" is used below to denote the University School Certificate Examination, the Provincial High School Leaving Examination, the Catholic High School Leaving Examinations, or any other standard examination recognized for entrance scholarships.

Applicants who have written examinations other than the McGill School Certificate Examination should send a certified copy of their examination marks to the Registrar's Office as soon as they are published.

J. W. McCONNELL MEMORIAL SCHOLARSHIPS.—Created and endowed by Mr. J. W. McConnell of the Board of Governors as a memorial to the men and women of the University who gave their lives in the war of 1939-45. The Scholarships are open on equal terms to men and women from any part of Canada and are tenable in the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering. Each scholarship covers the full tuition fee as well as the cost of board and residence in Douglas Hall or the Royal Victoria College for the full period necessary to enable the winner to obtain a Bachelor's degree. The award is made by a Special Committee which takes into consideration the character and the financial circumstances of the applicant as well as the academic record. The holder will normally forfeit the scholarship if he fails to maintain first class standing at the university. Where the student's home is at a considerable distance from Montreal the Board of Governors may, at its discretion, make a contribution towards the cost of travelling. Application forms may be obtained from the Registrar's Office.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of their country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science (including Commerce), the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each Scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for the full period necessary to enable the student to obtain his degree. The holder will normally forfeit the Scholarship if, during his course, he fails to maintain first class academic standing. In individual cases, where the student's

home is at a considerable distance from Montreal, the Board of Governors may, at its discretion, make a contribution towards the cost of railroad fares. Application forms may be obtained from the Registrar's Office.

THE W. S. LEA SCHOLARSHIP—Established by Mrs. Lea as a memorial to her husband, the late Mr. W. S. Lea, B.Sc. (Applied Science), 1908, and open to men students entering the University from a secondary school. It shall be awarded annually by the University Scholarships Committee to that applicant who in the judgment of the Committee shall possess in the highest measure the following combination of qualities:

(1) Qualities of manliness, truth, courage, devotion to duty, sympathy, kindliness, unselfishness, and fellowship;

(2) Scholastic attainments;

(3) Physical vigour as shown by fondness for and success in outdoor sports;

(4) Exhibition of moral force of character and of instincts to lead and take an interest in his fellows.

The Scholarship shall normally be an Entrance Scholarship but may be renewed for not more than one additional year if funds permit and if, in the judgment of the University Scholarships Committee, this is desirable.

The maximum value of the Scholarship shall be $300 and the minimum value shall be $100. The Scholarships Committee will take into account the need of the winner in deciding upon the value. If funds permit, an additional scholarship or scholarships may be awarded.

THE SIR WILLIAM MACDONALD ENTRANCE SCHOLARSHIPS IN ARTS AND SCIENCE (INCLUDING COMMERCE).—Four scholarships of $125 each endowed by Sir William Macdonald and open only to men are awarded under the conditions governing University Entrance Scholarships. (See page 608 for particulars.)

THE SIR EDWARD BEATTY MEMORIAL SCHOLARSHIPS.—Two scholarships, one in Classics (Greek and Latin) and one in Mathematics, of the value of $600 each, were founded by the late Sir Edward Beatty, former Chancellor of the University. The scholarships are payable at the rate of $150 per annum for four years, and are tenable only in the Faculty of Arts and Science. The Scholarships are awarded primarily for ability in either Classics or Mathematics, but school and examination records in other subjects may be taken into account. These awards are made under the conditions governing University Entrance Scholarships (see page 608) and candidates will be required to submit:

(*a*) their complete High School record.

MCGILL UNIVERSITY LIBRARY

(*b*) their marks or grades in any recognized examination.

(*c*) confidential letters from their school principals.

The winner of a Sir Edward Beatty Memorial Scholarship on entering the University need not necessarily take courses leading to honours in Classics or in Mathematics, but may enter any course in the Faculty for which he is qualified.

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July.

These scholarships are open only to male students, educated in Canadian Schools, whose parents are British or Canadian born.

THE HON. ROBERT JONES BURSARY.—Valued at $120 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Arts and Science or Engineering." The bursary is not continued if the standing of the holder proves to be unsatisfactory.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—One entrance scholarship of $100 for one year is available in the Faculty of Arts and Science (including Commerce).

One bursary of $100 is open each year to "young men and women of promising abilities but of straitened circumstances in Arts and Science or Engineering."

*THE OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—This bursary of $75 is given through the Ottawa Valley Branch of the Graduates' Society and is open only to bona fide residents of the territory of the Ottawa Valley Graduates' Society. The winner is selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Middle School Examination or (4) The McGill Senior School Certificate or (5) The Ontario Upper School Examination.

Applications must reach the Registrar's Office before 1st September.

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships, of $635 each, open to women only, and conditional on residence in the Royal Victoria College, are offered annually. These are awarded on the result of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only.

THE SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—This scholarship which is restricted to women students has a minimum annual value of $50 and a maximum annual value of $175. It will be renewable annually until the holder obtains her first degree provided the holder maintains an academic average satisfactory to the University Scholarships

**Tenable also at Macdonald College.*

Committee. The actual value of the award will be determined each year by the University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—Scholarships covering five years' tuition in Chemical, Civil, Mechanical, or Electrical Engineering, or six years' tuition in the School of Architecture, or four years' tuition in the Arts courses of the Faculty of Arts and Science, or in the School of Commerce, or four years in the School of Household Science, Macdonald College, are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well as to minor sons and daughters of employees. The method of award is that of the University Entrance Scholarships described on page 608, candidates being required to submit:

(*a*) their complete High School record,

(*b*) their marks or grades in any recognized examination,

(*c*) confidential letters from their school principals.

Forms of eligibility and full particulars as to the number of scholarships available, etc., may be obtained from Mr. G. A. Smyth, Superintendent of Pensions and Staff Registrar, Pension Department, C.P.R. Offices, Montreal. Applications, on forms obtainable from the Registrar's Office, accompanied by statements of eligibility from Mr. Smyth, must reach the Registrar's Office before 1st July.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—Two scholarships have been established as a memorial to the late George Herrick Duggan, D.Sc., LL.D. These are:

(*a*) A scholarship offered annually by the Dominion Engineering Works, Limited, open to all employees of the Dominion Engineering Works, Limited, its wholly owned subsidiary companies, and the Dominion Hoist and Shovel Company, Limited, and to their sons and daughters.

(*b*) A scholarship offered annually by the Dominion Bridge Company, Limited, open to all employees of the Dominion Bridge Company, Limited, and its wholly owned subsidiary companies, and to their sons and daughters.

The value of each of these scholarships will be $750 if the winner comes from outside Montreal, or if in the judgment of the Committee it is desirable for the winner to reside away from home in the interests of his academic work. If the winner is able to live at home, however, the value of the scholarship will be equivalent to the full tuition fees payable to the University, and the Awarding Committee may in this case make an additional grant where there is financial need.

The purpose of these scholarships is to provide an incentive to eligible candidates to qualify themselves for a university education in engineering or scientific work or allied subjects, and to afford them financial assistance while pursuing university studies. The scholarships are awarded primarily on the intellectual attainment and academic record of the applicants, although the characters of the candidates and other circumstances are also taken into consideration. They may be granted for any period, from one to five years, inclusive. To qualify, the applicant must attain the entrance requirements from time to time established by the University for the course of study applied for, with an average standing of not less than 75%, and thereafter maintain an academic standing satisfactory to the University Scholarships Committee.

The awards are made by the Board of Governors on the basis of a recommendation from a special committee composed of the Chancellor, the Principal and Vice-Chancellor, and the Warden of the Royal Victoria College. Applications should be submitted in the form prescribed for University Entrance Scholarships (see page 608).

FRANK P. JONES SCHOLARSHIPS.—Under the will of the late Frank P. Jones, in his lifetime President of Consumers Glass Company, Limited, provisions have been made for the establishment of one or more scholarships at McGill University, which are open to junior employees and to sons and daughters of employees of Consumers Glass Company, Limited. Each scholarship has a maximum value of $400 a year and a minimum value of $100 a year, and will be awarded by the University Scholarships Committee to a candidate with qualifications satisfactory to the University. Each candidate must have a good matriculation standing. The scholarships are renewable annually provided the holders obtain satisfactory grades in the examinations at the University until the holders obtain their degrees.

THE SIDNEY J. HODGSON SCHOLARSHIPS.—Two scholarships, of the approximate values of $175 and $150 respectively, were founded by Arthur J. Hodgson, Esq., in memory of his son, Sidney James Hodgson, a student of the First Year in Arts, who was killed in action on September 27th, 1918, while serving in the 66th Battery of the Canadian Field Artillery. They are open to boys and girls of Westmount High School who have been in attendance for at least one year. The $175 scholarship is tenable only in the Faculty of Engineering and the $150 scholarship only in the Faculty of Arts and Science. They are awarded to the pupils with the highest percentages in the Junior High School Leaving subjects required for admission to these faculties.

THE WESTMOUNT WOMEN'S CLUB SCHOLARSHIP—A scholarship to the value of $100 to be awarded annually by the Westmount Women's Club to a girl student matriculating into McGill University from the Westmount High School.

SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—This scholarship, tenable in the Arts Division of the Faculty of Arts and Science, has an approximate value of $140 and is awarded annually to a "matriculated student in Arts and Science, proceeding to the degree of B.A., whose parents reside in the District of Bedford and whose candidature has been approved by a committee of the Society."

*THE ST. FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY.—This Bursary of $250 is restricted to residents of the area covered by the St. Francis District Branch of the Graduates' Society and is open to pupils of any high school or private school entering any faculty or school of McGill University, including Macdonald College. The Bursary may be renewed for a second year. An amount of $150 of the Bursary is to be repaid by the holder at the rate of a minimum of $50 per year after graduation. The award is made by the St. Francis District Branch of the Graduates' Society on the recommendation of the University Scholarships Committee. Application forms may be obtained from the Registrar's Office.

NARCISSA FARRAND (MRS. N. PETTES) SCHOLARSHIP.—This scholarship, of not less than $450 ($150 for three years), founded and endowed by Mr. and Mrs. H. V. Truell, of Sweet Acre, Knowlton, Que., is awarded annually to the candidate from the Eastern Townships who obtains the highest marks in the Arts, Science, or Commerce Entrance Examinations in June, and who has had his domicile in the Eastern Townships for five consecutive years immediately preceding the examination.

THE GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—Founded in 1913 by certain friends and former pupils of the late Miss Grace Fairley, to signalize her long and faithful service to education as head of the Trafalgar Institute. It is of the value of $80, is tenable for one year only, and is awarded annually to the student of Trafalgar Institute who obtains the highest marks in the June School Certificate Examination and enters the Faculty of Arts and Science.

*THE ISABELLA C. MACRAE SCHOLARSHIP.—This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

THE DUNCAN MCCASKILL SCHOLARSHIP.—This scholarship which is restricted to students from Nova Scotia has a minimum annual value of $50 and a maximum annual value of $175. It will be renewable annually until the holder obtains his or her first degree provided the holder maintains an academic average satisfactory to the University Scholarships Committee. The actual value of the award will be determined each year by the

Tenable also at Macdonald College.

University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

*THE CHRISTIE-STORER CHAPTER SCHOLARSHIP.—A scholarship of the value of $110, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil residing in St. Lambert who stands highest in the June High School Leaving Examination each year at the Chambly County High School, provided that the pupil's aggregate is at least 700 marks out of a possible 1,000.

THE MONTREAL WOMEN'S CLUB ELIZA REID MEMORIAL SCHOLARSHIP.—Founded by The Montreal Women's Club in memory of the first President of the Club, Mrs. Robert Reid. This scholarship of the value of $150 is tenable for one year, and is awarded each year to a graduate of The Montreal High School for Girls who has completed at least Grades X and XI in this school, and who plans to enter the First Year of McGill University in a degree course.

THE NOTRE DAME DE GRACE WOMEN'S CLUB BURSARY.—This bursary, of $100, is awarded annually to a girl student who has completed Grades X and XI in West Hill High School and is tenable in the First Year of the University.

THE VERDUN WOMEN'S CLUB BURSARY.—This bursary of $100 is tenable for one year and is awarded annually by the Verdun Women's Club to a student who has completed Grade XI in the Verdun High School and who plans to enter the First Year of the University, or to a student who has completed Grade XII in the Verdun High School and who plans to enter the Second Year of the University. The award is based on academic record, character, and financial need. Preference is given to girl students.

PRESBYTERIAN COLLEGE SCHOLARSHIPS.—The Board of Management of the Presbyterian College offers a number of scholarships for the payment of fees of undergraduates in Arts and Science who are registered at the Presbyterian College as in training for the study of theology with a view to the Ministry and who have creditably passed the sessional examinations.

UNIVERSITY BURSARIES (see page 607).

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 618).

*LEONARD FOUNDATION SCHOLARSHIPS (see page 619).

WOMEN ASSOCIATES OF McGILL BURSARY (see page 619).

WORKMAN STUDENTSHIP (see page 635).

*_Tenable also at Macdonald College._

III. SCHOLARSHIPS, BURSARIES, LOAN FUNDS, MEDALS, AND PRIZES IN THE VARIOUS FACULTIES OF THE UNIVERSITY

A. OPEN TO STUDENTS IN ALL FACULTIES

UNIVERSITY SCHOLARSHIPS.—University Scholarships with a maximum value of $300 a year (see page 606) may be awarded by the University Scholarships Committee to students in any year of any undergraduate faculty. They are awarded for exceptionally distinguished work in the regular University examinations and special applications are not required.

UNIVERSITY BURSARIES.—The University has established a number of bursaries open to students in all faculties and schools. The general regulations governing the award of these are stated on page 607. Application must be made on a special form and forwarded to the Registrar. The forms may be obtained from the Registrar's Office and must be returned before the end of August.

DOMINION-PROVINCIAL LOANS AND BURSARIES—The Dominion and Provincial Governments jointly offer a number of bursaries and combined bursaries and loans to degree students in most faculties and schools. These are open to men and women on equal terms. The Quebec grants are half bursary and half loan, the latter being repayable one year after graduation. To be eligible for a Quebec grant, a student must be a British subject with at least five years' residence in the Province of Quebec, and must be under thirty years of age, in good academic standing, and in definite need of financial assistance. Students in Divinity and Nursing are not eligible under this plan, nor are students who receive any assistance from other Government funds. The award varies with the need and will not generally exceed $300 in any one session. These bursaries may be renewed upon application to the Registrar's Office before 1st June if the conditions for granting the award are maintained. Applications for new bursaries must be submitted on the proper forms before 15th September. For further particulars apply to the Registrar's Office. Students coming to McGill from other provinces should inquire from their Provincial Departments of Education whether they are eligible to participate in any comparable scheme.

*B'NAI B'RITH BURSARIES.—Three bursaries of $100 each have been given to the University by the Mount Royal Lodge of B'nai B'rith. These

*These awards are also tenable at Macdonald College.

bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar before the end of August.

B'NAI B'RITH HILLEL FOUNDATION BURSARY.—This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded by the University Scholarships Committee to a deserving student, irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

HILLEL FOUNDATION BURSARIES.—A number of bursaries have been given to the University through the B'nai B'rith Hillel Foundation at McGill University. These bursaries are awarded by the University Scholarships Committee to deserving students of any faculty, irrespective of race, colour, or creed.

*FREDERICK SOUTHAM KER BURSARY.—This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $175 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

NATIONAL COUNCIL OF JEWISH WOMEN OF CANADA, MONTREAL SECTION, BURSARIES.—The National Council of Jewish Women of Canada, Montreal Section, offers each year a limited number of bursaries. The value of each award is normally $100. These bursaries are awarded by the Council upon the recommendation of the University Scholarships Committee. Academic standing and financial need are both taken into consideration in making the award. Application should be made on the ordinary University Bursary application form.

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND.—The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following two conditions:

(i) that the scholarships may be held by undergraduates only;

(ii) that the preference is given to sons and daughters of soldiers:

(a) who served in the war of 1914-18;

(b) who served in the war of 1939-45.

**These awards are also tenable at Macdonald College.*

*LEONARD FOUNDATION SCHOLARSHIPS.—The Leonard Foundation created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years."

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of his Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

Men and women returning from active service are also given preference over the non-preferred class.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office and must return these to the Registrar before January 31st, 1951.

A booklet giving further particulars may be consulted in the Registrar's Office.

WOMEN ASSOCIATES OF McGILL BURSARY.—A bursary of approximately $125 is available each year to men and women students in any Faculty. Scholarship and need will determine the award. The winner will be chosen by the Executive of the Women Associates of McGill from a list of candidates recommended by the Scholarships Committee and selected from the applicants for University bursaries. (See page 607).

THE COHEN BURSARY.—This bursary of $200 has been established by Mr. Harry Cohen, K.C., and is awarded by the University Scholarships Committee to one or more deserving students without consideration of faculty, creed, or colour.

ANONYMOUS BURSARY.—This bursary of $150 has been given to the University by an anonymous donor and is open to men or women students of good academic standing who are in need of financial assistance. The award is made by the University Scholarships Committee.

These awards are also tenable at Macdonald College.

MCGILL U. N. T. D. BURSARY.—This Bursary, endowed by the University Naval Training Division with an annual value of $30, is awarded by the University Scholarships Committee on the recommendation of the responsible Naval authorities to the U. N. T. D. rating who is considered to be the most deserving applicant. If in any year there is no applicant of high enough quality, the award is withheld.

THE TEMPLE EMANU-EL SISTERHOOD BURSARY.—Established in 1946 in memory of the men who lost their lives in the war of 1939-45, this Bursary, with an annual value of $100, is open to men undergraduates in all faculties and is awarded by the University Scholarships Committee.

THE ROY M. WOLVIN MEMORIAL SCHOLARSHIPS (see page 625).

THE STUART DUNN MEMORIAL SCHOLARSHIP—Founded by Major Charles Gwyllym Dunn of Quebec City in memory of his son, Sergeant (Wireless Air Gunner) Stuart Dunn, R.C.A.F., a student at McGill University who died on active service in July, 1941. The Scholarship, value $100 per annum, is to be awarded annually to a male student of the Protestant Christian Faith whose home is outside the Island of Montreal. In making the award the Scholarships Committee takes into consideration: (a) the candidate's scholarship, character, personality, and quality of leadership, (b) his need of financial assistance, and (c) the general usefulness to the community of the special branch of study he proposes to follow.

THE JOSEPH ALFRED JACOBSON MEMORIAL SCHOLARSHIP.—This Scholarship, of $200, was established by Mr. and Mrs. Percy N. Jacobson in memory of their son, Flight-Sergeant Joseph Alfred Jacobson, of the Royal Canadian Air Force, who was killed in action on the 28th January, 1942. The Scholarship is open to men and women in any faculty on equal terms. It is given to a student selected by the University Scholarships Committee on the grounds of his personality, academic strength, interest in university sports, and financial need.

THE HINGSTON BURSARY.—This bursary of $80 has been established by Mrs. Stuart Merrett in memory of her son, Pilot Officer F.W. (Billy) Hingston, B.A. 1940, who was killed while flying in a raid on Germany on the 4th of December, 1943. The bursary is open to male undergraduates without restriction as to race or creed or faculty and is awarded by the University Scholarships Committee.

THE CANADIAN ARMY UNIVERSITY COURSE MEMORIAL BURSARY.—This bursary has been established by the Canadian Army University Course Association of McGill University as a memorial to the three of their comrades, Richard F. Gyles, Robert J. Lockhart, and James C. Wheeler, who lost their lives in the World War, 1939-45. It is awarded by the University Scholarships Committee on the recommendation of the Association and

preference is given to members of the McGill Canadian Army University Course and to other men who volunteered for active service, and their children.

NATIONAL FEDERATION OF CANADIAN UNIVERSITY STUDENTS EXCHANGE SCHOLARSHIPS.—Under an arrangement between the National Federation of Canadian University Students and the various Canadian universities a scheme of scholarships has been instituted which permits one or more students to spend the penultimate year of their course in a university in another part of Canada. The tuition and student activities fees of the student are paid by the university visited. Applications from McGill students should be made to the Registrar before the 15th of February. McGill University has, under this scheme, offered two of these Federation Scholarships each year to qualified students from other universities.

PRIZES

CHESTER MACNAGHTEN PRIZES.—Two prizes, one of $50 and the other of $25, are offered annually in a competition for the best piece of creative writing in English submitted by a student of the University. The work submitted may be a story, a play, a poem, an essay, etc. The material should be carefully selected and properly presented. The judges will not read untidy manuscripts or a large number of newspaper clippings. Compositions that have appeared in print are not ineligible provided they have been published since 1st March, 1950. No candidate may submit more than two entries. Compositions must be typed and must reach the Registrar before the 1st March, 1951. Entries that win prizes or honourable mention will be retained by the University and filed in the Redpath Library.

THE J. M. RUTHERFORD MEMORIAL PRIZE.—This Prize of the value of $100 is awarded for some original work or study undertaken by a student of the University, on his own initiative, preferably outside the regular work for his or her degree. Candidates may be nominated by any member of the University staff or may apply in writing directly to the Registrar, submitting evidence of their qualifications. Applications or nominations should be received by the Registrar not later than April 1st. The award is made by the University Scholarships Committee.

NEIL STEWART PRIZE.—An annual prize of $20 in the Hebrew Language and Literature, established by Mr. Neil Stewart of Vankleek Hill in 1878, is open to students in the University and in the affiliated Theological Colleges.

THE MCCHARLES PRIZE (see page 639).

LOAN FUNDS

Application for loans, unless otherwise stated, should be made through Deans of Faculties or Directors of Schools.

UNIVERSITY LOAN FUND.—A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made normally only to students in upper years (see page 607), with good academic standing.

UNIVERSITY LODGE LOAN FUND.—The University Lodge No. 84, Q.R., A.F. and A.M., has established a loan fund for Masons and the children of Masons in attendance at McGill University. Loans will not exceed the annual tuition fees. They are open to qualified students in all faculties and all years. Applications should be made by letter to the Bursar. Need and academic merit will determine the awards.

ROTARY CLUB OF OTTAWA STUDENT LOAN FUND.—The Rotary Club of Ottawa has established a Student Loan Fund for third and fourth year students in any faculty who are residents of Carleton County, Ontario, and are attending universities throughout Canada. Annual loans will not exceed $250. Further information and application forms may be obtained from the Registrar's Office.

ONTARIO GRADUATES' SOCIETY LOAN FUND.—This loan fund open to students in all Faculties has been established by the Ontario Branch of the Graduates' Society.

ROYAL CANADIAN AIR FORCE BENEVOLENT FUND.—Students who served in the Royal Canadian Air Force are eligible for grants from the R.C.A.F. Benevolent Fund This Fund makes loans or outright gifts to meet special emergencies or acute distress. For further particulars, students should apply to Mr. E. C. Knowles, Students' Counsellor, Arts Building.

THE BENNETT EDUCATIONAL FUND.—For students in Engineering (see page 643).

COMMERCIAL SOCIETY LOAN FUND.—For students in Commerce (see page 635).

THE CLASS OF 1899 FUND.—For students in Engineering (see page 642).

THE GEORGE HENRY FROST FUND.—For students in Engineering (see page 643).

THE KELLOGG FOUNDATION LOAN FUND.—For students in Medicine, Dentistry, and the School for Graduate Nurses (see pages 646, 647, and 672).

THE WADDELL LOAN FUND.—For students in Engineering (see page 643).

THE CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—For students in Engineering (see page 643).

B. OPEN TO STUDENTS IN THE FACULTY OF ARTS AND SCIENCE

(INCLUDING COMMERCE)

For details of Entrance Scholarships see pages 608 and 609.

For scholarships open to women only see page 630.

For Scholarships, Bursaries, and Loan Funds open to undergraduates in all Faculties see page 617.

For details of awards restricted to students in the School of Commerce see page 633.

For awards open to Graduate Students see page 656.

GENERAL REGULATIONS IN ARTS AND SCIENCE

1. Only students in regular undergraduate standing are eligible for scholarships.

2. Scholarships will be awarded only if an adequate standard is attained.

3. If in any college year there is not a sufficient number of candidates showing adequate merit, any one or more of the scholarships offered for competition may be given to more deserving candidates in another year.

4. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.

5. The annual income of the scholarships will be paid in two instalments, viz.:—One in October and one in February.

SECOND YEAR SCHOLARSHIPS

GROUP I

Six scholarships of $100 each are offered to students advancing from the first to the second year for proficiency in their subjects of study. The awards will be made on the basis of the students' complete academic records and on recommendations from the departments in which they have taken their courses.

GROUP II

The following scholarships are also offered, according to the terms indicated, to students advancing from the first to the second year.

THE CHARLES ALEXANDER SCHOLARSHIP.—Established in 1870 by Charles Alexander, "for the encouragement of the study of Classics and other subjects." Value $90.

THE JANE REDPATH EXHIBITION.—Founded by the late Mrs. Redpath, for the maintenance of an exhibition in Arts and Science. It is restricted to men and is awarded on the result of the sessional examinations of the first year to the man who makes the highest average on the year's work. Value $200.

THE BARBARA SCOTT SCHOLARSHIP.—Founded by the will of the late Barbara Scott to form an annual scholarship for the student "excelling in Classics in the First Year." Value $80.

THE MARGARET JANE ALLAN SCHOLARSHIP.—This scholarship, of $200, was established in 1929 by a bequest to the Royal Victoria College from Mrs. Agnes W. Allan. It is awarded each year to the woman student in either the B.A. or the B.Sc. courses in Arts and Science who obtains the highest standing in the sessional examinations of the first year.

SCHOLARSHIPS TENABLE IN THE SECOND, THIRD, OR FOURTH YEARS

GROUP III

SIR WILLIAM MACDONALD SCHOLARSHIPS.—Six scholarships of $125 each are open to men students in the Second, Third, and Fourth Years.

†THE SIR WILLIAM DAWSON SCHOLARSHIP.—Given by the New York Graduates' Society; value $60. Open also to students in Engineering.

THE DR. BARCLAY SCHOLARSHIP.—Awarded in the Classical Department, value $50.

THE REFORD SCHOLARSHIP.—The interest on this fund, amounting to about $200 per annum, will be equally divided each year and placed at the disposal of the Departments of English and Philosophy.

THE HOUSTON SCHOLARSHIP.—Founded by the will of Thomas Houston, to establish a scholarship for French students studying for the ministry of the Presbyterian Church or the United Church of Canada. It is open only to undergraduates in the Faculty of Arts and Science under the above restriction and is awarded on the result of the sessional examinations without regard to year. The value is $100.

PETERSON MEMORIAL SCHOLARSHIP IN CLASSICS.—Founded in memory of Sir William Peterson, Principal of McGill University from 1895 to 1918, by his son, W. G. Peterson, M.A. This scholarship of the total value of $400 ($200 a year for two years) is open to students in any year. The winner is nominated by the Faculty of Arts and Science.

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†*Not to be awarded until further notice.*

THE MAJOR HIRAM MILLS SCHOLARSHIP.—This scholarship, of the value of $50 is open to students in any of the biological sciences including Anatomy, Bacteriology, Biochemistry, Botany, Genetics, Physiology, and Zoology. It is open to both men and women.

THE ROY M. WOLVIN MEMORIAL SCHOLARSHIPS.—Four scholarships of $375 each are given by Mrs. Roy M. Wolvin in memory of her husband. Two of these scholarships are open to men in any undergraduate faculty who have a good academic record and need financial assistance. One or both of these scholarships may be divided if the University Scholarships Committee thinks it desirable. Applications for these two scholarships must be made in writing to the Registrar before November 1st. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These last two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations.

THIRD YEAR SCHOLARSHIPS

GROUP IV

Eight scholarships of $100 each are offered to students advancing from the second to the third year in both the General Course and the Honours Courses, on the basis of academic record and recommendations from departments.

GROUP V

The following scholarships are also offered, according to the terms indicated, to students advancing from the second to the third year.

ROBERT BRUCE SCHOLARSHIP.—From a fund, created by the will of the late Robert Bruce, of Quebec City, one scholarship of the annual value of $75, tenable for two years, will be awarded for high standing in the examinations at the end of the second year.

THE CHARLES WILLIAM SNYDER MEMORIAL SCHOLARSHIP.—This scholarship, founded by L. P. Snyder, Esq., in memory of his son, Charles William Snyder, a student of first year Arts, who was killed in the Battle of Sanctuary Wood on June 2nd, 1916, is of the value of $250. It is awarded annually on the results of the examinations in English and Economics of the second year, and is subject to the condition that the holder take an Honours Course in English, with Economics as a minor subject in his third year, or the Honours Course in English and Economics. It is open to male students in the Faculty of Arts and Science professing the Christian religion.

THE ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value of $215 is awarded annually on the results of the honours examinations of the second year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honours work in Political Science of the third year. (See also Group VI.)

THE HANNAH WILLARD LYMAN MEMORIAL SCHOLARSHIP of the value of $80 is awarded annually to a woman student of the third or fourth year.

DELTA PHI EPSILON SORORITY BURSARY.—This bursary, founded by the Delta Phi Epsilon Sorority in memory of Edith Silver, is of the value of $100 and is open to a woman student entering the third year of the Faculty.

THE KNIGHTS OF PYTHIAS SCHOLARSHIP.—This scholarship, of $300, is awarded annually to a student in the Social Sciences. It is open on equal terms to men and women. The winner must be a resident of the Island of Montreal, and entering the third year of the B.A. course. The award may be renewed for a further year if the holder proves to be worthy of such recognition.

For other third year scholarships see also Group III.

FOURTH YEAR SCHOLARSHIPS

GROUP VI

THE JAMES DARLING MCCALL SCHOLARSHIP.—This scholarship was founded by J. T. McCall, Esq., in memory of his son, James D. McCall, B.Sc., who was drowned shortly after the war of 1914-18, in which he served with distinction. This scholarship is awarded each year to a male student of the fourth year professing the Christian religion, who is taking honours in English or in Philosophy or in both these subjects. It is of the value of $250.

THE ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value $215, is awarded annually on the results of the honours examinations of the third year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honours work in Political Science of the fourth year (see also Group V).

ANGUS MCCOY SMITH SCHOLARSHIP.—This scholarship of $100, founded by Mr. and Mrs. Allan L. Smith in memory of their son, Augus McCoy Smith, a graduate of the University, who was killed in the Second World War, is awarded annually to a Protestant male student of the Faculty of Arts and Science who is entering the fourth year. The award is based on academic record, character, financial need, and general promise.

THE SHAKESPEARE SCHOLARSHIP.—This Scholarship, of the value of $100, is awarded annually to a student advancing to the fourth year who has

shown special distinction in English Honours courses. The award is made by the Faculty Scholarships Committee on the recommendation of the Department of English.

For other fourth year scholarships see Group III and Group V.

MEDALS IN ARTS AND SCIENCE

The following medals are awarded to the graduating students who stand highest in the First Class Honours List of the subjects named, provided the Faculty so recommends to Senate:—

The Henry Chapman Gold Medal, for Classical Languages and Literature.

The Prince of Wales Gold Medal, for Mental and Moral Philosophy.

The Anne Molson Gold Medal, for Mathematics and Natural Philosophy.

The Shakespeare Gold Medal, for English Language and Literature.

The Logan Gold Medal, for Geology, Mineralogy and Palaeontology.

The Major Hiram Mills Gold Medal, for Biology.

The Governor-General's Gold Medal, for Modern Languages and Literature.

The Governor-General's Silver Medal awarded to the student standing highest among those graduating "with great distinction" in the general course.

The Lieutenant-Governor's Silver Medal awarded to the student who stands second among those graduating "with great distinction" in the general course.

The Allen Oliver Gold Medal, for Economics and Political Science (founded by Mrs. Frank Oliver, in memory of her son, the late Allen Oliver, B.A., M.C., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme, on November 18th, 1916).

The Lieutenant-Governor's Silver Medal, for History.

The French Government's Silver Medal for excellence in French in the general course.

In addition to the above, certain medals are offered annually by the Alliance Française, at the discretion of the Department of French Language and Literature.

If there is no candidate for any medal, or if none of the candidates fulfils the required conditions, the medal is withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which it was intended.

PRIZES IN ARTS AND SCIENCE—(Including Commerce)

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $50. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

PENHALLOW PRIZE IN BOTANY.—An annual prize of $25, endowed by the Arts Undergraduate Society in 1911, is awarded to the graduating student whose complete record shows the highest first class standing in Botany. At least 4 full courses in the subject must have been taken, and Honours students will receive preference.

HENRY CHAPMAN PRIZE.—A book prize of the value of $20 is given in modern languages (excluding English), or in Hebrew.

THE CHESTER MACNAGHTEN PRIZES (see page 621).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 621).

THE CHERRY PRIZE.—This prize of books, value $40, founded by Wilbur H. Cherry, Arts 1907, and Anna Cherry, Arts 1918, in memory of their father, William Cherry, Med. 1869, and of their brother, William McFie Cherry, Arts 1911, is awarded annually by the Department of Economics and Political Science to the student who is, in the opinion of the Department, deserving of such recognition.

PETERSON MEMORIAL PRIZE IN LITERATURE.—This prize, value $50, founded by W. G. Peterson, M.A., in memory of his father, Sir William Peterson, Principal of McGill University from 1895-1918, is awarded to the undergraduate, or graduate, student who in addition to having achieved distinction in English Literature has given evidence of creative literary ability.

THE DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeannie Forsyth for English Literaure. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

FANTHAM MEMORIAL PRIZE IN ZOOLOGY.—This prize of $50, endowed by Dr. Annie Fantham in memory of her husband, Professor H. B. Fantham, late Strathcona Professor of Zoology and Head of the Department, is awarded annually to the graduating student who has taken the full honours course in Zoology and who ranks highest of those obtaining first class honours in this subject. The prize is open to men and women.

MADELENE HODGSON PRIZE IN HISTORY.—An annual prize of $15 endowed by the Imperial Order Daughters of the Empire in recognition of the work done by Mrs. W. C. Hodgson as President of the Provincial Chapter of Quebec. The prize is awarded to the third year Honours student in History who in the opinion of the Department of History has done the most outstanding work in this subject.

HISTORICAL SOCIETY'S PRIZE.—This prize is endowed by a fund belonging to the Historical Society. The award is made jointly by the Executive of the Historical Society and the Chairman of the Department of History to the male undergraduate in the first year who has shown the greatest promise in History and intends to read for Honours in this subject, and is awarded in books.

ANNE MOLSON PRIZE IN CHEMISTRY.—A prize of $100 awarded annually to the student with the highest record among those graduating with First Class Honours in Chemistry.

PRIZES IN BOTANY AND ZOOLOGY.—A sum of $50 is awarded annually as a prize or prizes in the Department of Botany and Zoology for original summer collections. Candidates should consult these Departments concerning the collections to be made

ORNITHOLOGY PRIZE.—A prize of $10 given by Mrs. Christine L. Henderson, to be spent by the winner upon books of his choice relating to natural history. At present this prize is awarded to the student standing highest in the first class in the examination in Advanced Vertebrate Zoology.

ETHEL WALKEM JOSEPH PRIZE.—The Wolfe and Montcalm Chapter of the Imperial Order Daughters of the Empire has endowed an annual prize of $20 in the Department of Education as a tribute to Mrs. Henry Joseph, Regent of the Chapter.

THE SWISS GOVERNMENT PRIZE.—A prize in books for excellence in the third year in French Language and Literature.

MARION McCALL DALY PRIZE.—A prize of $100 awarded each year to a woman student who has completed the second year and is entering the third year of the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student chosen by the Committee. In making the award the Committee takes into account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate, and (c) the academic record of the candidate.

THE BORIS MUSKATOV PRIZE IN PSYCHOLOGY.—An annual prize of $15 in books has been endowed by Miss Serafima Muskatov in memory of her brother, Boris Muskatov, who died on January 9th, 1948, while a student-veteran at Dawson College. This prize is offered to a student who has completed the third year in the Faculty of Arts and Science and has done the best work in the subject of Psychology. The award is made by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Department of Psychology after the third year examination results are known.

PROVINCE OF QUEBEC PSYCHOLOGICAL ASSOCIATION PRIZE.—A prize of $10 offered annually by the Association to a student in the final year. It is awarded on the recommendation of the Department of Psychology to the student who has, in their opinion, done the most distinguished work in Psychology throughout the course.

For awards open to graduates see page 652.

BURSARIES

LOGAN BURSARIES.—A part of the interest of the Logan Medal Fund, amounting to about $180 a year, may be awarded upon the recommendation of the Department of Geological Sciences to undergraduate or graduate students in that department.

Applications should be made in writing to the Chairman of the Department of Geological Sciences before the 31st August.

C. OPEN TO STUDENTS OF THE ROYAL VICTORIA COLLEGE

ENTRANCE SCHOLARSHIPS

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships of $635 each, open to women only, and conditional on residence in the Royal Victoria College, are offered each year. These are awarded on the result of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only.

J. W. McCONNELL MEMORIAL SCHOLARSHIPS.—See page 610.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—See page 610.

UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES.—See pages 608-609.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—See page 613.

THE HON. ROBERT JONES BURSARY.—See page 612.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—See page 612.

THE OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—See page 612.

THE DUNCAN McCASKILL SCHOLARSHIP.—See page 615.

THE SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—See page 612.

CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—See page 613.

FRANK P. JONES SCHOLARSHIPS.—See page 614.

SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—See page 615.

NARCISSA FARRAND SCHOLARSHIP.—See page 615.

THE GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—See page 615.

THE ISABELLA C. MACRAE SCHOLARSHIP.—See page 615.

THE CHRISTIE-STORER CHAPTER SCHOLARSHIP.—See page 616.

THE SIDNEY J. HODGSON SCHOLARSHIPS.—See page 614.

All scholarships and bursaries listed on pages 617-621.

ADDITIONAL SCHOLARSHIPS AND BURSARIES

For a statement of the scholarships, bursaries, and loan funds open to women students of the University, see pages 608-621.

RESIDENT BURSARIES.—In addition to these, four resident bursaries in all, of the value of $200 each, are available for outstanding students of the second, third and fourth years who are nominated by the Warden. In exceptional cases one or more of these may be awarded to first year students.

ALPHA OMICRON PI BURSARY.—A Bursary of $50 is given by the Alpha Omicron Pi Mothers' Club for a woman student, resident of Royal Victoria College or non-resident. The award is made on the recommendation of the Warden of the Royal Victoria College to a candidate with good academic standing and financial need.

THE ROY M. WOLVIN SCHOLARSHIPS.—See page 625.

SPECIAL SCHOLARSHIPS ADMINISTERED BY A COMMITTEE OF THE ALUMNAE SOCIETY.

ETHEL HURLBATT SCHOLARSHIP.—A scholarship of the annual value of $100 to be known as the Ethel Hurlbatt Scholarship, in memory of the late Dr. Ethel Hurlbatt, a former Warden, has been founded by the Alumnae

Society and will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty. Application forms which may be obtained at the Registrar's office should be returned by April 15th.

SUSAN CAMERON VAUGHAN SCHOLARSHIP.—A scholarship of the annual value of $100 to be known as the Susan Cameron Vaughan Scholarship in honour of Mrs. Walter Vaughan, retired Warden, has been founded by the Alumnae Society and will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty. Application forms which may be obtained at the Registrar's Office should be returned by April 15th.

HELEN R. Y. REID SCHOLARSHIP.—A scholarship of the annual value of $100 made possible by a legacy from the estate of the late Dr. Helen R. Y. Reid, to be known as the Helen R. Y. Reid Scholarship will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty. Application forms which may be obtained at the Registrar's Office should be returned by April 15th.

GEORGINA HUNTER SCHOLARSHIP.—This scholarship, of the annual value of $100, to be known as the Georgia Hunter Scholarship in memory of the late Georgina Hunter, a member of the first graduating class of women at McGill University, the first President of the Alumnae Society, and a former Principal of the High School for Girls, Montreal, has been founded by the Alumnae Society and will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty. Application forms which may be obtained at the Registrar's Office should be returned by April 15th.

THE LOCAL COUNCIL OF JEWISH WOMEN OF MONTREAL offers two annual scholarships of $100 each to be given to deserving students of the College in need of this financial assistance, the awards to be made by the Scholarship Committee of the Alumnae Socity.

THE B'NAI B'RITH MOUNT ROYAL WOMEN'S AUXILIARY NO. 257 offers an annual scholarship of $100 to be given to a deserving student of the college in need of this financial assistance, the award to be made by the Scholarship Committee of the Alumnae Society.

ALUMNAE SOCIETY BURSARIES AND LOANS.—In addition to the above, a limited number of bursaries and loans are offered by the Alumnae Society through its Scholarship Committee.

Students interested in bursaries and loans should consult the Warden before the opening of the session.

GENERAL PRIZES

MARION McCALL DALY PRIZE.—A prize of $100 awarded each year to a woman student who has completed the second year and is entering the third year of the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student chosen by the Committee. In making the award the Committee takes into account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate and, (c) the academic record of the candidate.

EDMUND HENRY BOTTERELL PRIZE.—This prize, the annual value of which is the income from a capital sum of $4,000, was established by a legacy from the late Mrs. Florence A. Redpath. Under the terms of endowment, it is to be known as the "Edmund Henry Botterell Prize" and is to be awarded on the recommendation of the Warden to a first year student registered in the Royal Victoria College. For the present the award will be made to a student whose academic interests and record combined with personal qualities indicate marked promise.

PRIZES IN ARTS AND SCIENCE—(Including Commerce)

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $50. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

THE DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeanie Forsyth for English Literature. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

See also list of prizes in Arts, Science, Commerce, Architecture.

D. OPEN TO STUDENTS IN THE SCHOOL OF COMMERCE

For scholarships and bursaries open to undergraduates in all Faculties, see page 617.

SCHOLARSHIPS, BURSARIES, AND PRIZES

THE EDWIN WATERHOUSE SCHOLARSHIP.—The Edwin Waterhouse Scholarship, of the value of $250, donated by Price, Waterhouse and Company, is awarded annually by a committee consisting of the Principal, the Director

of the School of Commerce, and the Chairman of the Department of Economics and Political Science, to that student in the School of Commerce, who, having obtained a first class average in the annual examinations at the end of thethird year of his course, is considered most deserving of financial assistance Commerce students in the third year who wish to be considered shoulc make written application to the Director of the School of Commerce not later than April 15th.

ISAAC BRUCK SCHOLARSHIPS.—The Bruck Silk Mills presents $500 annually to the University to provide two scholarships in the School of Commerce. The scholarships may be held by the students in the second, third or fourth year of the School, and are awarded annually without respect to race or sex by the Scholarships Committee of the Faculty of Arts and Science upon the results of the sessional examinations of the School.

THE LADDIE MILLEN MEMORIAL SCHOLARSHIP.—A scholarship to the value of $250 has been established by Mr. J. Ernest Millen in memory of his son, Laddie Millen, who was killed in action in the first World War. The award will be made to the student in the first, second or third year Commerce who presents the best satisfactory essay on a topic in the field of Industrial Relations. Students wishing to compete should apply to the Director of the School of Commerce on or before December 1st, 1950, the essays must be handed in by March 15th, 1951. The topic for the 1950-51 contest is "Industry-Wide Collective Bargaining".

THE SYDNEY S. PAPPELBAUM BURSARY.—A Bursary in memory of the late Captain Sydney S. Pappelbaum, B.Com., 1942, to be awarded to a student in Commerce at the end of his second year, and about to enter the third year, with no restriction as to race, creed or colour. It is awarded by the Advisory Committee of the School of Commerce. Students who wish to be considered should make application to the Director of the School of Commerce, not later than April 15th.

THE F. W. SHARP PRIZE IN ACCOUNTANCY AND MATHEMATICS.—This will be awarded at the end ofthe fourth year to the best student in Accountancy, Business Organization and Mathematics. Value $50.

JOSEPH H. JACOBS PRIZE.—The sum of $650 was received from the executors of the estate of the late Joseph H. Jacobs. The annual revenue from this bequest, which is approximately $25, will be awarded as a prize for second year Accountancy.

THE PROFESSOR R. R. THOMPSON MEMORIAL PRIZE.—Established in honour of the late Professor R. R. Thompson by the Class of Commerce 1925, this Prize of $50 is awarded annually to the third year student in Commerce with the highest standing in examinations in Accounting and Auditing.

It is awarded by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Director of the School of Commerce.

CHESTER MACNAGHTEN PRIZES (see page 621).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 621).

MEDALS

THE SIR EDWARD BEATTY MEMORIAL MEDAL.—A gold medal endowed by the late Sir Edward Beatty, former Chancellor of the University, is offered to the student in the School of Commerce who attains the highest distinction in Economics. At present, it is awarded on the basis of the aggregate marks for the three full year courses, Principles of Economics (or Honours alternatives), Money and Banking, and Economic Analysis (or Honours alternatives).

LIEUTENANT-GOVERNOR'S MEDALS.—A silver medal and a bronze medal have been offered to the School of Commerce by His Honour the Lieutenant-Governor of the Province of Quebec, the silver medal for the student with the highest average throughout the last three years of study; the bronze medal for the one who has the second highest average throughout the last three years of study.

LOAN FUNDS

COMMERCIAL SOCIETY LOAN FUND.—A fund has been established by the Commercial Society to be known as "The Commercial Society Loan Fund," for the purpose of aiding each year one or more students of the School of Commerce who are entering their fourth year, to complete their course. Loans from this Fund are repayable within two years after graduation. Application should be made to the Director of the School of Commerce.

OTHER LOAN FUNDS (see page 622).

E. OPEN TO STUDENTS IN THE FACULTY OF ENGINEERING

(Including Architecture)

For scholarships and bursaries open to undergraduates in all Faculties see page 617.

ENTRANCE SCHOLARSHIPS

WORKMAN STUDENTSHIP.—The University accepts one nomination each year for a full course in Mechanical Engineering from the executors of the estate of the late Thomas Workman, provided the student nominated

(1) is a resident of Quebec,

(2) has obtained in the examinations qualifying for admission to the University the standard required by the Scholarships Committee for University Scholarships or Bursaries.

For other entrance scholarships see pages 608 and 609.

AWARDED ON THE RESULTS OF THE SESSIONAL EXAMINATIONS OR FOR SPECIAL THESES

BRITISH ASSOCIATION SECOND YEAR PRIZES.—Two British Association prizes of $40 and $20, at the end of the third year (3M), to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Calculus and Mechanics of the third year (3M).

SCOTT EXHIBITION.—A Scott exhibition of $35, founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott, and a British Association prize of $20, to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Mathematics, Mechanics, Descriptive Geometry, and Physics of the second year (2M).

TIGHE PRIZE.—A prize of $50, presented by Mr. James L. Tighe, B.A.Sc., for research work in Hydraulics.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtaining the highest marks in Architectural Drawing in the School of Architecture in the second year (2M).

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtaining the highest marks in the fourth year (4M) course in Design of Buildings in the School of Architecture.

THE LOUIS ROBERTSON PRIZE.—Founded by Mr. and Mrs. John A. Robertson, in memory of their son, John Louis Armour Robertson, who was killed in the Great War on July 18th, 1916, to be awarded in the form of books to the undergraduate student who ranks highest in Design in the final year of the School of Architecture.

PHILIP J. TURNER PRIZE.—A prize of $50 presented by Mr. A. B. Darbyson, a graduate in the School of Architecture of the Class of 1915, to the student obtaining the highest marks in Building Construction of the third year (3M) course in Architecture.

The following prizes are offered for the best summer essays:—

HERSEY PRIZE.—To students in Metallurgical Engineering, a prize of $25, presented by Milton L. Hersey, Esq., D.Sc.

ENGINEERING INSTITUTE OF CANADA PRIZES.—The Engineering Institute of Canada offers each year a prize of books or instruments to the value of $25 for the best paper in any branch of engineering received from an English-speaking Student or Junior of the Institute in the Province of Quebec. This prize is known as the Phelps Johnson Prize; another of the same value, the Ernest Marceau Prize, is awarded for the best paper in French. Similar prizes are open to those located in other provinces. The successful papers become part of the literature of the Institute and place the authors in prominent touch with the engineering profession. Further particulars may be obtained from L. Austin Wright, General Secretary, 2050 Mansfield Street, Montreal.

ENGINEERING INSTITUTE OF CANADA PRIZE.—The Engineering Institute of Canada also offers each year a prize of $25 to the student of the fourth year (4M) whose standing, considered in combination with his activities in student engineering organizations, is, in the opinion of the Faculty, most meritorious.

CANADIAN INSTITUTE OF MINING AND METALLURGY PRIZES.—Three prizes, one of $25 and the President's gold medal, and two of $25 each, are offered annually for the best papers submitted by student members to the Canadian Institute of Mining and Metallurgy.

UNDERGRADUATE SOCIETY'S PRIZES.—Three book prizes to the value of $10 are given by the Undergraduate Society of the Faculty of Engineering for the best summer essays submitted by students in the fourth (4M) and fifth (5M) years.

In addition, two book prizes to the value of $10 are given by the Society for summer essays submitted by students entering the third year (3M).

The following regulations apply: (1) the Faculty will correct and grade the summer essays in the usual way, (2) when the classification is completed a list of those essays worthy of consideration by the Prize Committee will be posted, (3) essays awarded prizes will "ipso facto" become the property of the Engineering Undergraduates' Society and will be bound by the Society and kept in the Engineering Library, and (4) a notice, to accompany the list of essays considered, will be posted stating that among the students considered those wishing to compete for the prizes should signify their intention to do so so by writing to the Faculty, mentioning clearly that they accept condition No. 3.

THE JAMES DICKIE HALL PRIZE.—A prize of $100 granted annually by Oliver Hall in memory of his son, James Dickie Hall, lost near Cannes in June,

1944, in an air battle between four R.C.A.F. and more than ninety enemy planes. This prize is open to students entering the fourth (4M) or the fifth (5M) year in Mining or Metallurgy and is awarded for the best summer essay.

THE ROY M. WOLVIN MEMORIAL SCHOLARSHIPS.—Four scholarships of $375 each are given by Mrs. Roy M. Wolvin in memory of her husband. Two of these scholarships are open to men in any undergraduate faculty who have a good academic record and need financial assistance. One or both of these scholarships may be divided if the University Scholarships Committee thinks it desirable. Applications for these two scholarships must be made in writing to the Registrar before November 1st. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These last two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations.

†SIR WILLIAM DAWSON SCHOLARSHIP.—A Sir William Dawson Scholarship, given by the New York Graduates' Society; value $60; open also to students in Arts and Science (see page 624).

SOCIETY OF CHEMICAL INDUSTRY PRIZE.—A prize of $50 is offered by the Montreal Section of the Society of Chemical Industry (Canadian Section) for an original essay on a chemical subject. Undergraduate students, other than those in their final year, are eligible to present papers. Further particulars may be obtained from the Registrar's Office.

AMERICAN SOCIETY OF METALS PRIZE.—A prize in selected metallurgical books to the value of $10 is offered, by the Montreal Chapter of the American Society for Metals, to the student graduating in Metallurgical Engineering who obtains the highest mark, provided he obtains honours standing in the subjects of Metallography and Thesis combined.

THE ROBERT FORSYTH PRIZE IN CIVIL ENGINEERING.—Under the will of the late Miss Jeanie Forsyth a prize of $40 is awarded each year, if the examiners so recommend, to a "worthy and needy" student of the graduating class who secures high standing in the subjects of Theory of Structures and Strength of Materials.

INSTITUTE OF RADIO ENGINEERS PRIZES.—Each year two prizes will be offered to students of McGill and other approved universities for the best papers on radio engineering or some closely allied subject. The first prize is $25 and the second prize is a student membership in the Institute of Radio Engineers for a period of two years. Essays, which may be written

†*Not to be awarded until further notice.*

in French or English, must reach the office of the Dean of the Faculty of Engineering not later than the 30th of November.

CHESTER MACNAGHTEN PRIZES (see page 621).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 621).

THE McCHARLES PRIZE.—This prize of $1,000, gift of the late Aeneas McCharles, is given for the discovery of improved methods of treating Canadian ores or minerals, for the development of new life-saving devices in the power and light industry, or for notable achievement in scientific research in any useful practical line.

The McCharles Prize is awarded:

(1) to any Canadian from one end of the country to the other, and whether student or not, who invents or discovers any new and improved process for the treatment of Canadian ores or minerals of any kind, after such process has been proved to be of special merit on a practical scale;

(2) or for any important discovery, invention or device by any Canadian that will lessen the dangers and loss of life in connection with the use of electricity in supplying power and light;

(3) or for any marked public distinction achieved by any Canadian in scientific research in any practical line.

The Committee will consider recommendations from time to time as received. Candidates must be proposed in writing by some qualified person other than the candidate and supported by a second such person familiar with the circumstances. Sufficient proof must be furnished to satisfy the Committee as to the importance of the accomplishment on which the recommendation is based. Forms for nomination may be obtained from Mr. C. E. Higginbottom, Secretary, The McCharles Prize Committee, University of Toronto.

AWARDED AT THE DISCRETION OF THE FACULTY

THE HON. ROBERT JONES BURSARY.—Of the value of $120 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Arts and Science or Engineering."

The bursary is continued until the holder graduates if his academic standing is entirely satisfactory. Applications should be made to the Dean of the Faculty.

THE BAYLIS SCHOLARSHIP.—Founded in memory of Mr. and Mrs. James Baylis, of Montreal, and having an annual value of $100, is awarded to some student entering the third year (3M) who is in need of financial

assistance. The scholarship will be continued during the fourth (4M) and fifth (5M) years, if the standing of the student continues to be satisfactory.

Application should be made through the Dean of the Faculty.

DOUGLAS TUTORIAL BURSARIES.—The late Dr. James Douglas, who was a member of the Board of Governors, provided for twelve or more tutorial bursaries of approximately $75 per annum in the Faculty of Engineering. In assigning these, the circumstances of the applicants as well as their academic standing are considered. These bursaries carry the obligation of giving tutorial instruction equivalent to one evening a week. Students in the fourth (4M) and fifth (5M) years of Engineering are eligible. Written application should be made to the Dean's Office on or before May 1st.

THE RICHARD S. LEA TUTORIAL BURSARY.—The late Mrs. Wanda Lea, widow of the late Richard S. Lea, Consulting Engineer and graduate in Applied Science of McGill University, provided a fund of $5,000, the revenue of which is to be used in aid of students who distinguish themselves in the Faculty of Engineering. The revenue will be used to provide one or two bursaries to be given to suitable students in their last two years of Engineering, and carry the obligation of giving tutorial instruction equivalent to one evening a week. One bursary of $85 will be available for the session 1950-51. Written application should be made to the Dean's Office on or before October 10th.

H. M. MACKAY MEMORIAL SCHOLARSHIP.—This scholarship will be awarded to a student of British citizenship who has completed the second year (2M) in Engineering and intends to enter the third year (3M) in September, 1950. A committee appointed by the Faculty selects the scholar, having in mind the results of the second year (2M) sessional examinations, general character, industry, and other qualities desirable in an engineer. The value of the scholarship is $120. Payment is withheld if the scholar's progress is unsatisfactory. If no candidate of sufficient merit applies, the scholarship is not awarded. Written applications should be made to the Dean's Office on or before May 1st.

THE JENKINS BROS., LTD., SCHOLARSHIP.—Supported by Messrs. Jenkins Bros., Ltd., and having an annual value of $200, is open to all Engineering students entering the fifth (5M) year in September 1950 and is awarded on the basis of academic standing and personality. Written application should be made to the Dean's Office on or before May 1st.

THE KENNECOTT COPPER CORPORATION SCHOLARSHIP.—This Scholarship of $750 has been established by the Kennecott Copper Corporation and is open to single students who have successfully completed their second to last year in the Faculty of Engineering (Mining). Inquiries should be

made to the Chairman of the Department of Mining Engineering before February 1st.

THE NEVIL NORTON EVANS SCHOLARSHIP.—This scholarship of $90 a year was established in 1937 by graduates of the Faculty of Applied Science (Engineering), and is open to students of the Faculty of Engineering who show outstanding ability in Chemistry. The award will be made by the Faculty of Engineering and the Department of Chemistry. No application is required.

THE HOBBS GLASS COMPANY SCHOLARSHIP.—This scholarship of the value of one year's tuition fee in the School of Architecture is awarded to a student of the fifth year (5M) who has submitted the best solution of a design problem in which glass is a major item. The judges are a committee of staff of the School of Architecture or practising architects.

R. C. E. MEMORIAL SCHOLARSHIPS.—These Scholarships of $100 each have been established by the Royal Canadian Engineers and are tenable for one year at a number of universities throughout Canada. One award is open to students at McGill University who have successfully completed their second to last year in the courses leading to the degree of Bachelor of Engineering or Bachelor of Architecture. Candidates must be members in good standing of the C.O.T.C. and must have successfully completed at least one summer season's training with such unit or as a member of such unit. Academic standing, qualities of leadership, and participation in C.O.T.C. and student activities are taken into consideration in making this award. Candidates must be recommended by the University. Further information and application forms may be obtained from Professor G. J. Dodd, Engineering Building. Applications must be submitted to Professor Dodd by March 15th.

BURSARIES

THE ANGLIN BURSARY.—Of the value of $200, is given annually by Mrs Anglin in memory of her husband, the late Mr. J. P. Anglin, B.Sc., 1906.

PROVINCE OF QUEBEC MINING BURSARIES.—Each year the Department of Mines of the Province of Quebec offers a number of bursaries to enable students to take a university course in mining engineering, metallurgy, or geology. The maximum annual value of these scholarships is $650 for a student who has to live away from home in order to attend the University, and $325 for a student who can live at home. Candidates must be Canadians and have lived for at least five years in the Province of Quebec. Further information may be obtained from the Registrar's Office.

BURSARY OF THE CORPORATION OF PROFESSIONAL ENGINEERS.—The Corporation of Professional Engineers presents annually a bursary of the value of $200, tenable by a student in the fourth (4M) or fifth (5M) year of the Faculty of Engineering and awarded by the Faculty.

A. F. BYERS BURSARY.—This Bursary of $300 is awarded by the University Scholarships Committee to a student in Engineering who has a good academic record and has need of financial assistance. It is renewable annually until the holder graduates provided he maintains a satisfactory academic standard and continues to need financial help. Applications should be made to the Registrar on the regular University Bursary application form.

For information concerning bursaries open to undergraduates in all Faculties see page 617.

MEDALS

BRITISH ASSOCIATION MEDAL.—This medal is open for competition to students of the graduating class in each of the Engineering courses, and, if the examiners so recommend, will be awarded to the student taking the highest position in the final examinations. The British Association Medals were founded by the British Association for the Advancement of Science in commemoration of its meeting held in Montreal in 1884.

CANADIAN INSTITUTE OF MINING AND METALLURGY MEDAL.—A gold medal and two prizes are offered by the Canadian Institute of Mining and Metallurgy. For further particulars, see page 637.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL.—Awarded to the student ranking highest in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

THE LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—Awarded to the student obtaining the second place in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA MEDAL.—A medal is offered annually to the student who has completed the entire course at a recognized School of Architecture, who has obtained high marks throughout his course, and who gives promise of being an architect of distinction after graduation. British subjects only are eligible for this award.

LOAN FUNDS

THE CLASS OF 1899 FUND.—Established by the Applied Science Class of 1899, to aid each year one or more students who, upon the completion

of their third year (3M), require assistance to enable them to finish their course. Loans from this fund are repayable after graduation. Applications should be made to the Dean.

THE GEORGE HENRY FROST FUND.—Founded by the late G. H. Frost, B.Sc. 60, to aid students who, when commencing the work of the third year (3M) or a subsequent year in the Faculty of Engineering, require financial assistance. In making loans from this fund the academic standing of the applicants is considered. Applications should be made to the Dean.

THE WADDELL LOAN FUND.—Founded by the late J. B. Waddell, Esq. Loans are made under the same conditions as apply to the George Henry Frost Fund, except that the benefits are available to graduate students as well as to undergraduates. Applications should be made to the Dean.

THE CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—Founded by the Montreal Women's Auxiliary of that organization for the assistance of Engineering students in Mining, Metallurgy, Geology and allied subjects. Applications should be made to the Dean.

THE BENNETT EDUCATIONAL FUND.—Students in Engineering are eligible for loans from the Bennett Educational Fund of the Engineering Institute of Canada. Application forms may be obtained from the Office of the Dean. Loans from this fund are made normally only to students in upper years.

OTHER LOAN FUNDS (see page 622).

For awards open to Graduate Students see page 658.

F. OPEN TO STUDENTS IN THE FACULTY OF MEDICINE

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 617.

MEDALS

THE HOLMES GOLD MEDAL, founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, M.D., LL.D., one time Dean of the Faculty of Medicine, is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze and the money equivalent of the gold medal.

SCHOLARSHIPS

THE WOOD GOLD MEDAL, founded by Casey A. Wood, M.D., LL.D., awarded to the student graduating with the highest aggregate number of marks in the clinical examinations of the Final Year. The winner of the Holmes Medal is ineligible for this medal.

THE SUTHERLAND GOLD MEDAL, founded in 1878 by the late Mrs. Sutherland, in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Biochemistry, together with a creditable examination in the primary branches.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL, to be awarded to the student of the final year who, in the opinion of the Chairman of the Department of Public Health and Preventive Medicine, is most proficient in that subject.

THE LIEUTENANT-GOVERNOR'S Bronze Medal, to be awarded to the student who obtains the highest standing in the final examination in Physiology.

THE WALTER CHIPMAN GOLD MEDAL, founded by the late Max Strean in honour of Dr. W. W. Chipman, to be awarded to the student obtaining the highest aggregate standing in Obstetrics and Gynæcology throughout the medical course.

PRIZES

THE JOSEPH HILS PRIZE. (Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

THE JOSEPH MORLEY DRAKE PRIZE. (Founded by the late Joseph Morley Drake, M.D.)—A prize in books, to be awarded to the student who obtains the highest number of marks at the final examination in Pathology.

PRIMARY PRIZE.—A prize in books awarded for the best aggregate standing in the subjects of the first division (Anatomy, Histology, Physiology, Biochemistry).

THE F. SLATER JACKSON PRIZE.—A prize of $35 founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded to the student who obtains the highest standing in the final examinations, written and oral, in Histology.

THE SAMUEL ROSENFELD PRIZE.—A prize of $50 for the highest standing in Bacteriology and Immunology.

THE ALEXANDER D. STEWART PRIZE.—An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

ROBERT FORSYTH PRIZE.—Under the will of the late Miss Jeanie Forsyth a prize of $35 is awarded each year to a student who, upon graduation, has shown particular ability in all branches of Surgery.

THE JOHN MUNRO ELDER PRIZE.—An annual prize of $25 founded in 1935 by Aubrey H. Elder, K.C., in memory of his father, John M. Elder, C.M.G., M.D., C.M., sometime Assistant Professor of Surgery in the Faculty. The prize is awarded to the student who obtains the highest standing in the final examinations, written and oral, in Anatomy.

CAMPBELL HOWARD PRIZE IN CLINICAL MEDICINE.—An annual prize of $50 founded by Mrs. Campbell Howard, in memory of her husband, the late Dr. Campbell P. Howard, Professor of Medicine at McGill University. The prize is awarded to the student who shows the most consistent excellence in his written case reports in the subject of Clinical Medicine.

CHESTER MACNAGHTEN PRIZES (see page 621).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 621).

SCHOLARSHIPS

DR. MAUDE E. SEYMOUR ABBOTT SCHOLARSHIPS.—Established in 1938 by an anonymous donation of $10,000 in honour of the late Maude E. Seymour Abbott, B.A., M.D., F.R.C.P. (Canada), LL.D. (McGill), to commemorate her distinguished work in connexion with the history of Canadian medicine, the Sir William Osler Pathological Collection, and her outstanding research in congenital cardiac disease.

The revenue of this fund is used for the provision of a scholarship or scholarships to be awarded by the University to an undergraduate in the Faculty of Medicine or to an undergraduate in the Faculty of Arts and Science who is preparing to enter Medicine. While men and women are both eligible for the awards, women candidates will be given the preference. The amount of the awards will vary according to the needs of the winners.

Applications in writing must reach the Registrar before June 30th.

THE WALTER J. HOARE MEMORIAL SCHOLARSHIP.—This scholarship was endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in the Great War. It is open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. If there are no qualified candidates in this preferred class, the scholarship may be awarded to another candidate nominated by the Faculty of Medicine.

Applications in writing must reach the Registrar before June 30th.

THE SAMUEL ROSENFELD SCHOLARSHIP.—This scholarship of $150 will be awarded to a student entering the second year, on the basis of scholarship and need. No application is required.

THE JENNIE LEWIS SCHOLARSHIP.—This scholarship of $200 is awarded to the third year student who obtains the highest place in the principal preclinical subjects. Holders of University Scholarships are ineligible. No application is required.

THE ESTHER TALLERMAN SCHOLARSHIP of $200 and the SAVORY BURSARY of $100 are tenable in the second, third, or fourth year, without other restriction. Applications should be made in writing to the Registrar before June 30th.

LOAN FUND

KELLOGG LOAN FUND.—Loans up to a maximum of $500 in any one year may be granted to students in good standing who require such assistance from a fund given to the Faculty by the Kellogg Foundation. The regulations and the application forms are the same as for other loan funds controlled by the University. Applicants should consult Dean D. L. Thomson, Chairman of the Scholarships Committee of the Faculty of Medicine.

For awards open to Graduates in Medicine see pages 658, 661, 669.

G. OPEN TO STUDENTS IN THE FACULTY OF DENTISTRY

For scholarships and bursaries open to undergraduates in all Faculties see page 617.

MEDALS AND PRIZES

THE MONTREAL DENTAL CLUB GOLD MEDAL AND A PRIZE IN BOOKS.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the year.

THE COLLEGE OF DENTAL SURGEONS OF THE PROVINCE OF QUEBEC PRIZE.—A prize of twenty-five dollars awarded to the student, registered in Quebec, obtaining the highest standing in the practical examinations of the final year.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL AND A PRIZE IN BOOKS.—Awarded to the student in the final year who stands second in the class. The standing is determined in a manner similar to that followed in the awarding of the Gold Medal.

THE LIEUTENANT-GOVERNOR'S BRONZE MEDAL AND A PRIZE IN BOOKS.—Awarded to the student obtaining the highest marks in written and practical subjects in the third year examinations.

MONTREAL ENDODONTIA SOCIETY BOOK PRIZE.—Awarded to the student in the final year obtaining the highest mark in the final examination in Endodontia.

MONTREAL DENTAL CLUB PRIZES.—First, second, and third year prizes in money given by the Montreal Dental Club and awarded to the students obtaining the highest standing in the following technique subjects: first year, Dental Anatomy; second year, to be chosen each year; third year, Orthodontia Technique.

FIRST, SECOND, AND THIRD YEAR PRIZES.—Prizes in books, given by the Mount Royal Dental Society, are awarded to the students obtaining the highest standings at the sessional examinations.

CHESTER MACNAGHTEN PRIZES (see page 621).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 621).

CANADIAN DENTAL ASSOCIATION WAR MEMORIAL SCHOLARSHIP AWARD: First Prize $125.00; Second Prize $75.00. To be awarded annually.

The contest is open to all undergraduates of the final year who have been in attendance for at least two years at Canadian Dental Schools. The essay shall consist of from 2,500 to 3,000 words.

Correspondence relative to this scholarship should be addressed to The Secretary, Canadian Dental Association, 211 Huron St., Toronto.

LOAN FUND

KELLOGG LOAN FUND.—A sum of money has been placed at the disposal of the Faculty of Dentistry by the Kellogg Foundation to assist dental students who have real financial need and are not eligible for assistance under other bursary and loan schemes. Applicants should consult the Dean of the Faculty of Dentistry.

H. OPEN TO STUDENTS IN THE FACULTY OF LAW

For scholarships and bursaries open to undergraduates in all Faculties see page 617.

SCHOLARSHIPS AND PRIZES

THE THOMAS ALEXANDER ROWAT SCHOLARSHIP.—Founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is $90. It is awarded in alternate years for proficiency in the French language and in the old French law. Candidates must be British subjects of Anglo-Saxon origin.

THE CHARLES ALBERT NUTTING PRIZE.—Founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from the Faculty in 1872. The value of the prize is $40. It is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

THE MONTREAL BAR ASSOCIATION PRIZE.—The Montreal Bar Association offers a prize of $50 to the student who obtains the highest standing in Commercial Law, and the Junior Bar Association offers a prize of $15 to the student who obtains the best marks in Civil Law in the final year.

THE ALEXANDER MORRIS EXHIBITION.—This exhibition of the value of $40, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the second year.

THE ADOLPHE MALHIOT MEMORIAL PRIZE.—This prize established by Mr. and Mrs. J. N. Mailhiot, of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty, usually, but not necessarily, in the graduating class.

THE CHIEF JUSTICE GREENSHIELDS PRIZE.—This prize in Criminal Law endowed by Mrs. Greenshields in 1943 in memory of her husband, the late Chief Justice Robert Alfred Ernest Greenshields, is awarded to the member of the graduating class in Law having the highest standing in Criminal Law throughout the college course. The value of the prize is $30.

THE "I.M.E." PRIZE IN COMMERCIAL LAW.—A prize of $15 in law books awarded annually to the member of the graduating class having the highest standing in Commercial Law throughout the course.

THE CARSWELL PRIZES.—Two prizes of $30 each in books were established in 1948 by the Carswell Company, Toronto, Ontario, and are awarded to first and second year students at the discretion of the Faculty.

CHESTER MACNAGHTEN PRIZES (see page 621).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 621).

MEDALS

THE ELIZABETH TORRANCE GOLD MEDAL.—Founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the final examination.

No medals, prizes or scholarships will be awarded if, in the opinion of the Faculty, there is no candidate of sufficient merit.

For awards open to Graduate Students see pages 661 and 667.

I. OPEN TO STUDENTS IN THE FACULTY OF MUSIC

THE SIR WILLIAM PETERSON MEMORIAL SCHOLARSHIPS.—Established in 1921 by the University and by friends, graduates and pupils of the Faculty of Music. The interest upon the original endowment of $6,055 is used to support two scholarships in Music as a memorial to the late Sir William Peterson.

For further details consult the Secretary of the Faculty.

THE SIR WILLIAM MACDONALD MEMORIAL SCHOLARSHIPS.—Established in 1922 by the University. The interest upon the original endowment of $6,000 is used to support scholarships in Music as a memorial to the late Sir William Macdonald.

For further details consult the Secretary of the Faculty.

ELLEN BALLON PIANO SCHOLARSHIP.—Founded in 1928 by a gift of $1,500 from Miss Ellen Ballon, a graduate of the Conservatorium. The principal has been increased by a further gift of $1,500 from Miss Ballon. In making this award the Faculty takes into account the need as well as the ability of candidates.

DONALDA PRIZE.—Founded by a gift of $2,500 from Madame Pauline Donalda.

CONSTANCE WILLEY PRIZE.—Founded 1947 by Mrs. Arthur Willey for the candidate obtaining highest marks in the semi-final examinations for the Licentiate Diploma in Pianoforte playing.

For further details consult the Secretary of the Faculty.

UNIVERSITY BURSARIES.—Full-time students studying for the Licentiate in Music or for the Bachelor of Music degree are eligible for University Bursaries. For details see page 607.

J. OPEN TO STUDENTS IN THE FACULTY OF DIVINITY

Students of the Faculty of Divinity who are registered also in the Montreal Diocesan Theological College or in the United Theological College will be eligible for prizes, scholarships, and bursaries as announced in the calendars of these institutions.

K. OPEN TO STUDENTS IN MACDONALD COLLEGE

OPEN TO STUDENTS IN AGRICULTURE

FACULTY SCHOLARSHIPS AND BURSARIES.—The Faculty of Agriculture has a fund for scholarships and bursaries for degree students. For further particulars apply to the Registrar, Macdonald College.

THE ELIZA M. JONES SCHOLARSHIPS.—Five scholarships tenable in the Faculty of Agriculture of Macdonald College are offered annually to students entering the college for the first time. Two are offered to students entering the first year and three to students entering the third year from other institutions. The value of the scholarships open to first year students is $200 in the first year, $150 in the second year, and $100 in each of the third and fourth years. The value of the scholarships offered to students entering the third year is $100 for the third year and $100 for the fourth year. These scholarships are renewable until the holders receive their first degree provided they maintain a high enough academic standing.

Application, on forms provided by the College, must be made to the Registrar, Macdonald College, Quebec, before September 15th.

I.O.D.E. SCHOLARSHIP.—A scholarship of $200 ($100 for 2 years) is offered by the Provincial Chapter of the Imperial Order Daughters of the Empire to the British student taking the highest marks in the final examinations of the second year. Applications are to be sent to the Educational Secretary, I.O.D.E., The Provincial Chapter of Quebec, Mount Royal Hotel, Montreal.

THE QUEBEC WOMEN'S INSTITUTE provides a bursary of $50 to the student entering the second year of the Diploma Course in Agriculture at Macdonald College, who—

(1) is a professional farmer's son, or daughter, from the Province of Quebec.

(2) has spent at least one season (seed time to harvest) in his father's employ on the farm,

(3) intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm),

(4) and who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the first year or, if he is the only candidate, he obtains at least Class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the first year of the Diploma Course.

THE BORDEN COMPANY LIMITED SCHOLARSHIP.—A scholarship of the value of $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his third year, half payable at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

S.P.C.A. SCHOLARSHIP.—The Canadian Society for the Prevention of Cruelty to Animals offers a scholarship of $200 which will be awarded to a student in the Animal Husbandry option who has high standing in all the courses of his third year work, with particular emphasis being placed on the candidate's aptitude for livestock work. The winning student will not necessarily be the one who ranks first at the end of the third year in final examinations.

Should the best qualified student be already the holder of some other scholarship or bursary, the Scholarships Committee may, at its discretion, award the scholarship to some other candidate.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS (see page 610).

OPEN TO STUDENTS IN THE SCHOOL OF HOUSEHOLD SCIENCE

THE FREDERICA CAMPBELL MACFARLANE SCHOLARSHIP.—A scholarship has been donated by the Quebec Women's Institutes in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of Quebec Women's Institutes from 1913 to 1919. This scholarship is of the value of $50, is open only to students from a rural district of the Province of Quebec, and is awarded to the student in any of the first three years of the Home Economics course who obtains the highest percentage of marks possible in the final examination.

BURSARY IN THE SCHOOL FOR TEACHERS

I.O.D.E. BURSARY.—The Municipal Chapter I.O.D.E. offers a bursary of $350, tenable in the School for Teachers, Macdonald College. The award is made by a committee of the Municipal Chapter on the basis of scholarship and need. Applications are to be sent to the Educational Secretary, I.O.D.E., The Municipal Chapter of Montreal, Mount Royal Hotel, Montreal.

CHRISTIE-STORER SCHOLARSHIP (see page 616).

THE ISABELLA C. MACRAE SCHOLARSHIP (see page 615).

LEONARD FOUNDATION SCHOLARSHIPS (see page 619).

KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 618).

B'NAI B'RITH BURSARIES (see page 617).

FREDERICK SOUTHAM KER BURSARY (see page 618).

IV. GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

For scholarships and bursaries open to students in all Faculties see page 617.

DEMONSTRATORSHIPS AND INSTRUCTORSHIPS.—In several departments graduate students are eligible for demonstratorships and instructorships. Informa- concerning these may be obtained from the Chairman of the Department concerned.

FELLOWSHIPS AND SCHOLARSHIPS.—The following list of graduate awards is divided into three sections: A, tenable during graduate study at McGill University only; B, tenable either at McGill University or elsewhere; C, a partial list of travelling fellowships and scholarships for which graduates of McGill University may be eligible. In each of these sections the awards are listed in alphabetical order of the undergraduate faculties from which applicants may have proceeded. In Section D are collected the names of awards for which graduates of other universities who wish to pursue advanced studies at McGill may be eligible. It is to be noted that not all awards listed are open for competition each year; further, an award which is open for competition may not be awarded if none of the applications is considered meritorious.

A. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY ONLY

(*See also Section B*)

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

THE ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $1,200 is tenable by a graduate student in Chemistry, preferably Cellulose Chemistry, normally in the third year of the Ph.D. course. The Department of Chemistry nominates the recipient.

THE AMERICAN VISCOSE CORPORATION SYLVANIA DIVISION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $1,000 per annum may be granted to a graduate of any recognized university who is a British or American subject and is to carry out research on esters or ethers of cellulose in the Division of Cellulose and Industrial Chemistry, located in the Pulp and Paper Research Institute. Applications should be sent to Professor C. B. Purves not later than May 1st.

THE H. L. BLACHFORD FELLOWSHIP IN ORGANIC CHEMISTRY.—A fellowship of the value of about $750 tenable by a student proceeding to his master's or doctor's degree in Organic Chemistry may be granted for the session 1951-52. Applications should be sent to the Chairman of the Department of Chemistry, not later than May 1st.

THE CANADA PACKERS FELLOWSHIPS IN BIOCHEMISTRY.—Five renewable fellowships of $1,000 annually have been given by Canada Packers Ltd. to assist graduates of any approved university to proceed to higher degrees in Biochemistry under the direction of Professor J. H. Quastel, to whom application should be made before May 1st.

THE C-I-L FELLOWSHIPS.—Two postgraduate fellowships in Chemistry, each of the value of $1,000 and tenable in the Department of Chemistry (one in the Division of Industrial and Cellulose Chemistry), were established in 1941 by Canadian Industries Limited. These fellowships are known as the C-I-L Fellowships and are open to any British subject who is a graduate of a recognized university. Normally the fellowships will be tenable for one year only, but in special cases they may be renewed for a second year. Application should be made in writing to the Chairman of the Department of Chemistry not later than May 1st.

THE COMINCO FELLOWSHIP.—The Consolidated Mining and Smelting Company of Canada, Limited, offers annually a fellowship of $750 for research related to metals, fertilizers, and chemicals; an additional grant up to $450 may be made for research expenses or for continuance of the

investigation. The fellowship is open to graduates of any approved university, in Science, Engineering, or Agriculture, who will normally be proceeding towards a higher degree at McGill. Canadian applicants are preferred. The topic of research will be selected in consultation with the donors and with the Dean of the Faculty of Graduate Studies, to whom application should be made not later than May 1st.

DOMINION-PROVINCIAL LOANS AND BURSARIES.—See page 617.

THE GOTTESMAN FELLOWSHIP IN WOOD CHEMISTRY.—The D. S. and R. H. Gottesman Foundation offers annually a fellowship of $800 for research carried out in the Pulp and Paper Research Institute under the supervision of the Department of Chemistry. The candidate must be an American or British subject and a graduate of a recognized university; he will normally be expected to register at McGill as a candidate for a higher degree. The award is made on the recommendation of the Joint Administrative Committee of the Institute and of the Department of Chemistry. Applications should be sent to Professor C. B. Purves not later than May 1st.

THE HAROLD HIBBERT MEMORIAL FELLOWSHIP.—This fellowship, the value of which is approximately $3,000, is open to candidates who hold a Ph.D. in Chemistry from an approved university or have equivalent qualifications, and is tenable for one calendar year in the Department of Chemistry at McGill University, where the holder is expected to devote his full time to research. It is not renewable. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

THE T. STERRY HUNT RESEARCH SCHOLARSHIP IN CHEMISTRY.—This scholarship of the value of $600 is open to graduates in Chemistry and Chemical Engineering who have completed the course for the degree of M.Sc., M.Eng. or Ph.D. and have shown high capacity for research. The holder is to assist in the Department as a demonstrator. No application is required.

THE INCO FELLOWSHIPS.—Three fellowships of $500 each were established in 1941 by the International Nickel Company of Canada. They are tenable by students working for the master's degree in Inorganic or Physical Chemistry, Chemical Engineering, Mining, Metallurgy, or Geology. One of the three awards is tenable at McGill University. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

THE JAMES C. KIMBERLEY AND FRANK J. SENSENBRENNER FELLOWSHIPS IN APPLIED SCIENCE.—These Fellowships, sponsored by the Spruce Falls Power and Paper Corporation, Limited, are open to Canadian graduates of any approved University who wish to proceed to a higher degree in Chemistry, or in Chemical, Civil, Electrical, or Mechanical Engineering

Each fellowship has a total value of $1,000, of which not more than $250 may be set aside as a grant to cover the expenses of the holder's research. Applications should reach the Dean of the Graduate Faculty before May 1st.

THE LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—This fellowship of $600, established by some friends of Captain O. E. LeRoy (Arts, 1895), who was killed in the battle of Passchendaele, in October, 1917, is awarded annually to a student who desires to proceed with postgraduate studies in Geology at McGill University. The recipient may be called upon to assist in the teaching work of the Department. The award is made by the Chairman of the Department of Geological Sciences in consultation with the Principal.

THE LOGAN BURSARIES IN GEOLOGY.—See page 630.

THE NUODEX FELLOWSHIP IN ORGANIC CHEMISTRY.—This fellowship of $800 may be granted to a graduate of any recognized university who desires to carry out fundamental research of interest to the Canadian Paint and Varnish Industry in the Organic Division of the Department of Chemistry and is a candidate for a higher degree. Applications should be sent to the Chairman of the Department of Chemistry not later than May 1st.

THE ONTARIO PAPER COMPANY FELLOWSHIP IN WOOD CHEMISTRY.—A fellowship of $1,000, plus a grant of $500 for laboratory expenses, tenable by graduates of approved Universities studying the chemistry of lignin in the Division of Industrial and Cellulose Chemistry, which nominates the recipient.

PROVINCE OF QUEBEC SCIENTIFIC RESEARCH BUREAU FELLOWSHIPS.—The Bureau grants fellowships, normally of $750 annually, to graduate students who have bona-fide domicile in the Province and are pursuing researches, in any branch of science, which may lead to contributions to the welfare of the Province and the development of its industries. For further particulars consult the Dean of the Faculty of Graduate Studies and Research, before May 1st.

THE SHAWINIGAN FELLOWSHIP IN CELLULOSE CHEMISTRY.—Shawinigan Chemicals Limited offers a fellowship of $1,000 for research carried out in the Pulp and Paper Research Institute under the supervision of the Department of Chemistry. The candidate must be a graduate of a recognized university. He will normally be expected to register at McGill as a candidate for a higher degree and to carry out research in the field of unsaturated esters of cellulose. The award is made on the recommendation of the Joint Administrative Committee of the Institute and of the Department of Chemistry. Applications should be sent to Professor C. B. Purves not later than May 1st.

THE SHELL OIL FELLOWSHIP.—This fellowship of $750, plus a grant up to $250 for research expenses, is offered to a graduate of any approved university proceeding towards a Master's degree or Ph.D. at McGill in one of the following fields: Chemistry, Chemical Engineering, Mechanical Engineering, Geology, Physics, Geophysics. Application should be made to the Dean of the Graduate Faculty not later than May 1st.

THE SOLVAY FELLOWSHIP.—This fellowship of the annual value of $1,000 is offered for the first year of study in the Faculty of Graduate Studies and Research. The award is tenable in any Department of the Faculty, and is open to men and women equally. The holder must have graduated in an undergraduate Faculty of McGill University in the session prior to that for which the award is given, and must obtain permission to proceed to graduate study. No teaching duties are required of the holder, who may not hold any other fellowship or bursary, nor receive a salary for teaching or other duties, during his tenure. Applications for this fellowship must be made to the office of the Dean of the Graduate Faculty on or before May 1st in each year.

OPEN TO GRADUATES IN AGRICULTURE ONLY

THE WALTER M. STEWART SCHOLARSHIPS IN AGRICULTURE.—Two scholarships of $500 each are offered to postgraduate students at Macdonald College. One may be held by a postgraduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from the Collège de Sainte Anne de la Pocatière. Application for these scholarships must be made to the Directors of the two colleges concerned.

THE COMINCO FELLOWSHIP.—See page 653.

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

THE B'NAI B'RITH MOUNT SCOPUS LODGE SCHOLARSHIP IN PSYCHOLOGY.—This scholarship of $200 may be awarded to the most deserving student in the graduating class in Honours Psychology to permit one year's graduate study in this subject at McGill. No application is required.

THE BRONFMAN FELLOWSHIPS IN COMMERCE AND ECONOMICS.—The Graduate Faculty offers two fellowships of $1,200 each to men and women who have graduated in Commerce or in Economics from accredited universities since January 1st, 1940. The fellowships are renewable in cases of very meritorious work. Holders will be expected to be in residence at McGill University throughout the academic session, and to be candidates for a higher degree at McGill. A small amount of teaching work may be asked. Application forms can be obtained from the Dean of the Graduate Faculty. The completed forms should be returned to the Dean of the Graduate Faculty on or before May 1st.

THE PHILLIP CARPENTER FELLOWSHIP IN ZOOLOGY of about $700, founded in 1892 by Mrs. Philip P. Carpenter for "a post-graduate teaching fellowship or scholarship in Natural Science or some branch thereof in the Faculty of Arts of McGill College." Application may be made to Professor John Stanley before May 1st.

THE MARY KEENAN SCHOLARSHIP IN ENGLISH.—This scholarship of $200 is awarded by the Department of English to a student who is proceeding at McGill University from the B.A. to the M.A. in English and who may receive the most benefit from the award. The need of the student as well as his ability will be taken into consideration. No application is required.

THE ALEXANDER MACKENZIE FELLOWSHIP IN POLITICAL SCIENCE.—This fellowship of the annual value of $600 is tenable by a graduate of any accredited university. Such tenure is conditional upon the acceptance by the Department of Economics and Political Science of the applicant as being entitled to admission to the Faculty of Graduate Studies and Research in the field of Political Science. A certain amount of tutorial and teaching work will be required of the holder of the fellowship. Under certain conditions, which may be ascertained in consultation with the Department of Economics and Political Science, this fellowship may be held for a second or third year. Each candidate should send (i) a letter of application, (ii) a certified copy of his academic record, (iii) not more than three testimonials. These should reach the Dean of the Graduate Faculty before the 1st of May. There are no application forms.

THE ARTHUR C. TAGGE FELLOWSHIP IN THE HUMANITIES AND SOCIAL SCIENCES.—This fellowship of the annual value of $1,000 is tenable by a graduate of any approved university proceeding to a higher degree in any Department of the Humanities or the Social Sciences. It will normally be awarded for the first year of graduate study and not be renewable, but exceptions to these rules are not excluded. Applications are invited from outstanding students in the last year of the undergraduate course, at McGill or elsewhere, and should reach the Dean of the Graduate Faculty not later than May 1st.

UNIVERSITY FELLOWSHIPS.—The Board of Governors in 1948 set aside $4,000 annually to establish fellowships in the humanities and social sciences, tenable at McGill by graduates of any approved University who have been admitted to candidacy for a higher degree in these fields. The value of each is $800, or $400 for those who can live at home in Montreal. Application should be made to the Dean of the Graduate Faculty, by letter, prior to May 1st, and should be accompanied or preceded by an application for admission to the Faculty.

OPEN TO GRADUATES IN ENGINEERING ONLY

THE SIR WILLIAM DAWSON FELLOWSHIP IN MINING.—A research and teaching fellowship of $600 annually, in the Department of Metallurgical Engineering, endowed in memory of the late Sir William Dawson, Principal of McGill University from 1855 to 1893. If, in any particular year, the Department of Metallurgy has no candidate for this fellowship and for that same year the Department of Mining has a suitable candidate for whom no fellowship is available the Sir William Dawson Fellowship shall become available to the Department of Mining.

THE JAMES DOUGLAS FELLOWSHIP IN MINING.—A research and teaching fellowship of $550 annually, in the Department of Mining Engineering, endowed by the late Dr. James Douglas, and restricted to McGill graduates.

THE B. J. HARRINGTON BURSARY IN MINING ENGINEERING.—This bursary of approximately $150 a year, supported by graduates in Mining Engineering in memory of the late Professor B. J. Harrington, is awarded annually if a suitable candidate offers, and is restricted to McGill graduates.

THE JOHN BONSALL PORTER SCHOLARSHIP.—This scholarship of $200 founded by Dr. W. W. Colpitts (B.Sc., 1899), is open to graduate students proceeding to the degree of M.Eng. in Civil, Mechanical, or Electrical Engineering, preference being given to students in Civil Engineering. Applications should be in the hands of the Dean of the Faculty of Engineering not later than July 30th. In the case of graduates of other universities these must be accompanied by certified statements of academic standing and letters of recommendation.

THE WADDELL LOAN FUND.—Loans from this fund, which was founded by J. B. Waddell, Esq., may be made to graduate as well as undergraduate students in any Department of Engineering. Application should be made to the Dean of the Faculty of Engineering.

OPEN TO GRADUATES IN MEDICINE ONLY

THE A. A. BROWNE MEMORIAL FUND.—The sum of $10,000 has been received by the Faculty of Medicine from the committee of the A. A. Browne Memorial Fund. This fund is used either for a fellowship to be known as the "A. A. Browne Memorial Fellowship", or for a grant to a department to provide technical assistance, equipment, and supplies for medical research. The fellowship is open to graduates of any recognized medical school and is for the advancement of medical science, special preference being given to the subjects of Obstetrics and Gynæcology. For further information apply to the Secretary of the Faculty of Medicine.

THE JAMES COOPER ENDOWMENT "FOR THE STUDY AND TEACHING OF INTERNAL MEDICINE" was established by a bequest from the late James Cooper. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment and supplies for medical research.

THE JAMES DOUGLAS FELLOWSHIP IN PATHOLOGY.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

THE BLANCHE HUTCHINSON RESEARCH FUND was established by a bequest from the late Mrs. Frank L. Hutchinson. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment, and supplies for medical research.

THE H. W. MOLSON FELLOWSHIP IN CANCER RESEARCH.—This fellowship has an annual value of not less than $1,000, is renewable for not more than four years, and is open to graduates of any recognized medical school. The course of training and research will be decided by the Strathcona Professor of Pathology and the Professor of Obstetrics and Gynæcology, and will ordinarily comprise one or more years of study in the Pathological Institute followed by clinical research in the Royal Victoria Hospital. Applications should be made to the Dean of the Faculty of Medicine.

FELLOWSHIPS IN NEUROLOGY, NEUROPATHOLOGY, AND NEUROSURGERY.—A limited number of fellowships may be available in the Montreal Neurological Institute, to which enquiries should be directed.

THE JEANNETTE VICTOR MEMORIAL SCHOLARSHIP.—This scholarship, of the value of $250, is open to graduates of any approved medical school who are registered in the Graduate Faculty of McGill University and who are principally engaged in research upon the physiology of the heart, or its diseases; tenure of this award does not disqualify the scholar from holding another award or position. Application should be made by letter to the Dean of the Graduate Faculty, prior to May 1st.

B. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY OR ELSEWHERE

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

THE RUSSELL J. EDDY FOUNDATION SCHOLARSHIP.—This award, of $1,000 for the session, is tenable by a graduate of a Canadian university pursuing graduate work in Chemistry or Chemical Engineering at any approved institution; applications should be submitted to the Chemical Institute of Canada, 18 Rideau Street, Ottawa, before March 1st.

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS.—Four fellowships of $1,250, renewable up to three years, are offered annually by Imperial Oil Limited to graduates of approved Canadian universities, and are tenable for post-graduate study in any approved university in petroleum engineering, petroleum geology, chemistry or chemical engineering, mechanical engineering, or economics or industrial relations. Applications are forwarded by the University at which the undergraduate course was followed, and inquiries should be made at the Graduate Faculty office not later than May 1st.

THE McGILL DELTA UPSILON MEMORIAL SCHOLARSHIP.—Founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of the members of that Chapter who gave their lives in the Great War of 1914-18. This scholarship is open to graduates of the University in all faculties. The Selection Committee will consider: (a) the general scholarship of the candidate; (b) his need of financial assistance for further study; (c) the general usefulness to the community of the special branch of study he proposes to follow; (d) the likelihood that the candidate will reflect credit on the University. The present value of the scholarship is about $1,000. Application should be made in writing to the Registrar before April 1st.

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS.—Bursaries, studentships, and fellowships, of the value of $450, $750, and $900 respectively, will probably be awarded in 1951 by the National Research Council to highly qualified Canadian graduates in Science, including Engineering and Agriculture, pursuing graduate studies in Canada. They are open on equal terms to men and women whose age should not exceed 30. Further particulars and application forms may be obtained from the Registrar's Office and applications should be made before February 1st.

OPEN TO GRADUATES IN AGRICULTURE

MACDONALD COLLEGE ALUMNI ASSOCIATION GRADUATE SCHOLARSHIP.—In memory of graduates and undergraduates of the Faculty of Agriculture who died in service during the War of 1914-1918; created, in connection with the Centennial Campaign, 1920, through subscriptions of graduates, undergraduates, members of the staff and other friends; of a present value of $200 and available to any graduate in Agriculture of Macdonald College (McGill University) for graduate work in Agriculture at any college or university of recognized standing. The holder is chosen by a committee appointed by the executive of the Macdonald College Alumni Association, and applications should be addressed to Dr. F. S. Thatcher, General Secretary, Alumni Association, Macdonald College, P.Q.

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

THE GUY DRUMMOND MEMORIAL SCHOLARSHIP IN ECONOMICS AND POLITICAL SCIENCE.—This scholarship, open to men only, endowed by the late Guy M. Drummond, and tenable for one year, is awarded annually to a graduating student in the Department of Economics and Political Science. The value of the scholarship is the income derived from a capital sum of $58,700 to cover a year of study divided between Paris and McGill and leading to the M.A., or in special circumstances, a whole academic year in Paris and then a year studying for the M.A. at McGill. The holder may attend the Graduate Faculty of McGill University for one year before or after his study in Paris, or may go to France in the summer following his appointment, attend the Ecole Libre from its autumn opening until the New Year, and then return to resident work at McGill, being eligible for the M.A. degree in May of that year. The award is made by the University Scholarships Committee upon the recommendation of the Department of Economics and Political Science and the Department of French. Applications should be made to the Registrar not later than April 1st.

THE ALLEN OLIVER FELLOWSHIP IN ECONOMICS.—This fellowship has been established by Mrs. Frank Oliver, of Edmonton, Alta., in "proud and loving memory of her son, the late Allen Oliver, M.C., B.A., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme on November 18th, 1916." Lieutenant Oliver was an honour graduate in 1915 in the Department of Economics and Political Science. The fellowship is awarded annually to the student who stands highest in first class honours in the Department of Economics and Political Science at the final B.A. examination, and the holder is required to pursue his studies in Economics and Political Science at McGill University or elsewhere. The present value of the scholarship is about $750. No application is required.

OPEN TO GRADUATES IN LAW ONLY

THE EDWIN BOTSFORD BUSTEED SCHOLARSHIP.—Founded by the will of the late Mrs. Edwin Botsford Busteed and awarded to a student, chosen by the Faculty, in the graduating year who desires to carry out research after graduation on some subject connected with the law of Quebec and approved by the Faculty. The value of the scholarship is the income from a capital sum of $6,000, or approximately $240, which will be paid to the scholar when his thesis has been accepted by the Faculty.

OPEN TO GRADUATES IN MEDICINE ONLY

THE J. H. B. ALLAN FELLOWSHIP.—This fellowship, of the value of $300 annually, may be awarded to a graduate of the Faculty of not more than

five years' standing, to assist him or her to devote one academic year to research. The research may be in any branch of medicine or medical science, and may be carried out in any approved laboratory, museum, or hospital, whether connected with McGill University or not; but research must be the holder's principal occupation during tenure of the fellowship, which is not normally renewable. The award shall be made by the Faculty on the recommendation of its Scholarships Committee, which shall take into account the candidate's academic and professional qualifications and the programme of work which the candidate proposes to pursue. Tenure of this award shall not debar the holder from receiving a salary or an award from any other fund, but the nature and amount of any such award or salary must be disclosed in the application. The applicant's programme of work must be approved in advance by the laboratory or institution in which the research is to be carried on. Applications should be made to the Dean of the Faculty of Medicine on or before July 1st in each year; no award will be made if the applications received are not thought to reach the standard required.

THE G. RUTHERFURD CAVERHILL FELLOWSHIP IN MEDICINE.—A fellowship of variable value to assist demobilized medical officers to obtain post-graduate training in medicine or research experience. Preference will be given to graduates of McGill University. Enquiries should be made of the Dean of the Faculty of Medicine.

THE J. B. COLLIP FELLOWSHIPS.—One or more fellowships of the annual value of $1,500-$2,000 are open to graduates of accredited Faculties of Medicine who have had at least one year of postgraduate training and preferably research experience, and who are acceptable for research work in the fields of Anatomy, Bacteriology, Biochemistry, Histology, Pathology, Pharmacology or Physiology at McGill University (or at an approved institution elsewhere, in the case of McGill graduates only). Application should be made on the appropriate form to the Secretary of the Faculty of Medicine, not later than February 1st.

THE JOHN MCCRAE FELLOWSHIP.—This fellowship of $1,000 may be awarded to candidates of the following types: (1) Graduates of any approved medical school who are candidates for the Diploma in Surgery, Urology, Otolaryngology, Radiology, etc., or (2) McGill graduates in medicine, or (3) graduates of any approved medical school proceeding towards a McGill M.Sc. or Ph.D. in fields related to Surgery, etc., it being understood in all cases that the holder is expected to spend twelve months in full-time laboratory or clinical research at McGill or an approved institution elsewhere. Applications should be made to the Dean of the Faculty of Medicine not later than May 1st, and should be accompanied by a letter of recommendation from a member of the teaching staff, a transcript of the undergraduate record, and a description of the proposed research

indicating the institution selected and the person responsible for its direction. The period of tenure should commence not earlier than June nor later than October; a final report on the work done is required. In all cases preference will be given to candidates aiming at a course in Surgery, and to researches likely to contribute to Surgery and its branches.

THE OSLER MEMORIAL SCHOLARSHIP.—This scholarship is normally awarded by the Canadian Medical Association every third year to a candidate nominated by the Faculty of Medicine "in order that such candidate may pursue studies to advance the knowledge of medicine and to improve the teaching of clinical medicine." Candidates must be graduates of not more than ten years' standing and, other things being equal, preference will be given to a graduate of McGill University.

THE J. FRANCIS WILLIAMS SCHOLARSHIP IN MEDICINE AND CLINICAL MEDICINE.—This scholarship of the annual value of $500, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year who have had a high general scholastic standing and who are approved by the Chairman of the Department of Medicine.

C. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT OTHER UNIVERSITIES ONLY

(*See also Section B*)

OPEN TO GRADUATES IN SEVERAL FACULTIES

COLONIAL RESEARCH FELLOWSHIPS.—The British Government offers two-year fellowships of £400-£750 per annum to graduates in the natural and social sciences who are British subjects, under 35, and competent to prosecute research on subjects relevant to the development of the British Colonial Empire, ordinarily at a centre of higher education in one of the colonies. Further particulars may be obtained from the Dean of the Graduate Faculty.

SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSIONERS FOR THE EXHIBITION OF 1851.—These scholarships, of £350 sterling a year, with an additional grant of £50 a year to cover University fees, etc., are tenable for two, or in rare instances three, years. They are limited, "to those branches of science, the extension of which is especially important to our national industries." The holder is required to devote himself to research, the particular nature of which must be approved by the Commissioners. Three of these scholarships, which are tenable at any institution approved by the Commission, are allotted to Canada each year, the scholars being chosen by the Commission from the nominees of certain

universities, among which McGill is included. Candidates will in most cases have completed from one to three years of postgraduate study; the scholarships are usually held at universities in the United Kingdom. Candidates should apply, not later than April 1st, through the Chairman of their Department. Details concerning the regulations may be obtained from the Registrar's Office.

EXCHANGE FELLOWSHIP WITH THE UNIVERSITY OF GLASGOW.—An exchange fellowship has been established whereby a McGill graduate may spend a session of postgraduate work in the University of Glasgow. McGill University provides $400 towards the cost of transportation; Glasgow provides tuition, room and board from October 1st to June 30th with an additional allowance of £50. Recommended fields of study are Chemistry, Physics, Zoology, Marine Biology, Botany, Geology, Economics, and the medical sciences. Application in writing should be made to the Dean of the Graduate Faculty by May 1st.

POSTGRADUATE SCHOLARSHIPS GRANTED BY THE IMPERIAL ORDER DAUGHTERS OF THE EMPIRE.—Nine scholarships are offered annually—one for each province. They are of the value of $1,600 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial History, the Economics and Government of the Empire and Dominion, or any subject vital to the interests of the Empire." Full details may be obtained from the Registrar's Office or from the Provincial Educational Secretary of the Order in any Canadian Province. In Quebec the address is Room 1111, Mount Royal Hotel Montreal. Applications should be submitted by October 15th.

NUFFIELD FOUNDATION FELLOWSHIPS.—These awards are made in the Natural Sciences and in the Humanities and Social Sciences, and are open to Canadians 25 and 35 years old who have at least a year's teaching or research experience beyond the level of the Ph.D. degree. They are tenable in the United Kingdom, their value being £600-£800. Application forms may be obtained from Mr. G. V. Ferguson, 245 St. James St. West, Montreal, and should be submitted by January 15th at latest.

ONTARIO RESEARCH COMMISSION SCHOLARSHIPS.—The Commission (43 Queen's Park, Toronto), offers scholarships of $500, $900, and $1,200 to enable British students resident in Canada to pursue research in pure or applied science at any university in Ontario. Applications are due on March 1st.

PROVINCE OF QUEBEC POSTGRADUATE SCHOLARSHIPS.—A number of scholarships are granted annually by the Government of the Province to graduates who wish to complete their studies outside Canada. These scholarships are each of the value of $1,200 per annum. They are awarded in the first instance for one year, but their tenure may be extended to three years if the work of the holder is satisfactory. Candidates must be bona-fide

residents of the Province of Quebec and preference is given to those who intend to carry on teaching or research work in Canadian universities or schools on their return to Canada. Each letter of application should state the candidate's age next birthday, his subject of study, and the institution he plans to attend, and should be accompanied by two testimonials from members of his faculty and two additional references from responsible citizens. The awards are generally announced by the Provincial Government at the end of July each year. Applications should be addressed to the Registrar and submitted not later than the 1st of April.

THE RHODES SCHOLARSHIPS.—These scholarships of £400 a year with a special allowance of £100 a year are tenable for two years at the University of Oxford. A third year may be granted under certain conditions. Candidates must be British subjects with at least five years domicile in Canada and be between the ages of nineteen and twenty-five. Two scholars are chosen annually from the Province of Quebec, and men students in any faculty may apply. Applications must be in the hands of the Secretary of the Provincial Selection Committee not later than November 10th. Further details of tenure, eligibility and qualifications, and application forms may be obtained from the Registrar's Office, or the Provincial Secretary, Mr. J. S. Hodgson, 227 Lockhart Ave., Town of Mount Royal, Que.

ROYAL SOCIETY OF CANADA FELLOWSHIPS.—Research Fellowships of the maximum value of $2,500 each are awarded annually by the Royal Society of Canada to Canadians who have done advanced work in any branch of Science or Literature. They are normally tenable outside Canada only. These awards are open to men and women on equal terms, whose age should not exceed 32, and candidates except in very special cases should have obtained the degree of Doctor of Philosophy or its equivalent. Copies of regulations and application forms may be obtained from the Secretary, Fellowships Board, Royal Society of Canada, The Public Archives, Ottawa. Applications must be submitted before February 1st.

SWISS EXCHANGE SCHOLARSHIPS.—Two postgraduate exchange scholarships are offered annually tenable at the following Swiss universities:

University of Basel
University of Berne
University of Geneva
University of Zurich
Institute of Economic and Political Sciences, St. Gall
Federal Institute of Technology, Zurich.

These scholarships cover the cost of tuition fees only. Candidates must be prepared to pay all travelling costs and all incidental expenses such as books, living expenses, cost of vacation periods, etc. Candidates must be recommended by McGill University and have a good scholastic record,

a satisfactory knowledge of French or German, and good health. The scholarships are open to both men and women of any faculty. Applications should be made to the Registrar by April 1st.

UNIVERSITY WOMEN'S FEDERATION TRAVELLING SCHOLARSHIP.—The scholarship of the Canadian Federation of University Women, of the value of $1,500, available for study and research work, is open to any woman holding a degree from a Canadian university, who is not more than thirty-five years of age at the time of the award. In general, preference is given to those candidates who have completed at least one or two years of graduate study and have a definite course of study or research in view. The award is based on evidence of character and ability of the candidate and promise of success in the subject to which she is devoting herself. The choice of the university at which the successful candidate is to pursue her study or research work is left to the Committee of Selection in consultation with the candidate. Full information can be obtained from the Convener of the Scholarship Committee, Professor Doris B. Saunders, The English Department, University of Manitoba, Winnipeg, Manitoba. Applications and testimonials must be received before February 1st.

UNIVERSITY WOMEN'S FEDERATION JUNIOR SCHOLARSHIP.—This scholarship of the value of $1,000 is open to any woman graduate of a Canadian university who is not more than twenty-five years of age on February 1st, 1951. The award will be based on evidence of character, intellectual achievement and promise. The place of study must be approved by the Scholarship Committee. Preference will be given to students who have studied in only one university and who desire to continue their studies in another. Full information can be obtained from the Convener of the Scholarship Committee, Professor Doris B. Saunders, The English Department, University of Manitoba, Winnipeg, Manitoba. Applications and testimonials must be received before February 1st.

OPEN TO GRADUATES IN ARCHITECTURE

THE HUGH MCLENNAN MEMORIAL SCHOLARSHIP.—Established by the Hon. John Stewart McLennan and Dr. Francis and Miss Isabella McLennan in memory of Hugh McLennan, son of the Hon. John Stewart McLennan, killed at the Battle of Ypres in 1915. The amount of this scholarship is $1,000. It will be awarded to the student graduating in Architecture who during his course has shown the greatest capacity in the solution of problems and who gives promise of creative ability.

OPEN TO GRADUATES IN ARTS AND SCIENCE

THE MOYSE TRAVELLING SCHOLARSHIPS.—Two scholarships of the value of $1,500 each, tenable for one year, are offered to graduates of the Faculty of Arts and Science of McGill University and were founded by the

late Right Honourable Lord Atholstan, to commemorate the "splendid services of Dr. Charles E. Moyse, for forty-two years Professor of English, during sixteen of which he was Dean of the Faculty of Arts and Vice-Principal of the University." These scholarships are awarded by the Faculty of Arts and Science, one for distinction in literary subjects, and the other for distinction in scientific subjects. If a deserving applicant in one of these divisions is not forthcoming, both scholarships may be awarded to applicants who belong to the other. The holder must devote the period of the tenure of the scholarship to advanced study, preferably in a British or European university, but not to the exclusion of other universities. Applications should be made to the Dean of the Faculty of Arts and Science not later than April 1st.

OPEN TO GRADUATES IN LAW

THE MACDONALD TRAVELLING SCHOLARSHIP.—This scholarship was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,200. The scholar elected is required to pursue a year's study in the Law Faculty of a French university approved in each case by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class, not being a notarial student, who has obtained first or second class honours in the final examination and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the scholarship be awarded only to men students preparing for practice as advocates in the Province of Quebec.

FELLOWSHIPS OFFERED BY OTHER UNIVERSITIES

Graduates of McGill University who desire to undertake graduate study elsewhere should note that many universities offer fellowships and scholarships for which they may be eligible. Particulars of many of these may be obtained in the Registrar's Office. In many cases applications should be prepared not later than the January preceding the session for which the award is made.

D. FELLOWSHIPS AND SCHOLARSHIPS OPEN TO GRADUATES OF OTHER INSTITUTIONS FOR STUDY AT McGILL UNIVERSITY

A number of the awards listed in the preceding pages (Sections A and B) may be held by graduates of other institutions while pursuing graduate study at McGill University; these are listed below.

VARIOUS SUBJECTS

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS (see page 660).

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS (see page 660).

THE SOLVAY FELLOWSHIP (see page 656).

THE ARTHUR C. TAGGE FELLOWSHIP (see page 657)

UNIVERSITY WOMEN'S FEDERATION SCHOLARSHIPS (see page 666).

AGRICULTURE

THE COMINCO FELLOWSHIP (see page 653).

THE WALTER M. STEWART SCHOLARSHIP (see page 656).

BIOLOGICAL SCIENCES

CANADA PACKERS FELLOWSHIPS (see page 653).

THE PHILIP CARPENTER FELLOWSHIP (see page 657).

CHEMISTRY

THE ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP (see page 653).

THE AMERICAN VISCOSE CORPORATION FELLOWSHIP (see page 653).

THE H. L. BLACHFORD FELLOWSHIP (see page 653).

THE C-I-L FELLOWSHIPS (see page 653).

THE COMINCO FELLOWSHIP (see page 653).

THE RUSSELL J. EDDY FOUNDATION SCHOLARSHIP (see page 659).

THE GOTTESMAN FELLOWSHIP (see page 654).

THE T. STERRY HUNT RESEARCH SCHOLARSHIP (see page 654).

THE INCO FELLOWSHIP (see page 654).

THE JAMES C. KIMBERLEY FELLOWSHIP (see page 654).

THE NUODEX FELLOWSHIP (see page 655).

THE ONTARIO PAPER COMPANY FELLOWSHIP (see page 655).

THE FRANK J. SENSENBRENNER FELLOWSHIP (see page 654).

THE SHAWINIGAN FELLOWSHIP (see page 655).

THE SHELL OIL FELLOWSHIP (see page 656).

ECONOMICS

THE BRONFMAN FELLOWSHIPS (see page 656).

THE ALEXANDER MACKENZIE FELLOWSHIP (see page 657).

ENGINEERING

THE COMINCO FELLOWSHIP (see page 653).

THE INCO FELLOWSHIP (see page 654).

THE JAMES C. KIMBERLEY FELLOWSHIP (see page 654).

THE JOHN BONSALL PORTER SCHOLARSHIP (see page 658).

THE FRANK J. SENSENBRENNER FELLOWSHIP (see page 654).

THE SHELL OIL FELLOWSHIP (see page 656).

GEOLOGY

THE INCO FELLOWSHIP (see page 654).

THE LEROY MEMORIAL FELLOWSHIP (see page 655).

THE SHELL OIL FELLOWSHIP (see page 656).

MEDICINE AND MEDICAL SCIENCES

THE A. A. BROWNE MEMORIAL FUND (see page 658).

THE G RUTHERFURD CAVERHILL FELLOWSHIP (see page 662).

THE J. B. COLLIP FELLOWSHIP (see page 662).

THE JAMES COOPER FUND (see page 659).

THE JAMES DOUGLAS FELLOWSHIP (see page 659).

THE BLANCHE HUTCHINSON FUND (see page 659).

THE JOHN MCCRAE FELLOWSHIP (see page 662).

THE H. W. MOLSON FELLOWSHIP (see page 659).

FELLOWSHIPS IN NEUROLOGY (see page 659).

THE OSLER MEMORIAL SCHOLARSHIP (see page 663).

THE JEANNETTE VICTOR MEMORIAL SCHOLARSHIP (see page 659).

PHYSICS

THE SHELL OIL FELLOWSHIP (see page 656).

The attention of applicants for admission to the Faculty of Graduate Studies is also drawn to the existence of demonstratorships and instructorships in certain departments (see page 652).

(N.B.—From time to time scholarships, fellowships, or research grants are made available by industrial corporations to encourage research by graduate students upon specific problems, suitable for M.Sc., M.Eng., or Ph.D. theses and for publication, but also of commercial significance. As such awards may be offered for only one or two sessions, it is not possible to have them listed in this Announcement; the Departments concerned should be consulted.)

V. SCHOLARSHIPS, PRIZES AND MEDALS IN THE VARIOUS SCHOOLS OF THE UNIVERSITY

OPEN TO STUDENTS IN THE LIBRARY SCHOOL

THE ETHELWYN M. CROSSLEY SCHOLARSHIP FUND, founded in honour of a former student of the Library School. Women students are given preference.

THE ELIZABETH G. HALL SCHOLARSHIP FUND, founded in memory of a former member of the McGill University Library staff.

Awards from both these funds are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application should be made to the Director of the Library School.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSICAL EDUCATION

For scholarships and bursaries open to undergraduates in all Faculties *see page 617.*

PRIZES AND MEDALS

GOLD MEDAL.—The School offers a gold medal to the student who attains the highest general proficiency throughout the course.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This medal is awarded to the junior student who attains the highest general proficiency in the sessional examinations.

(N.B.—The above conditions may be amended and prizes may be withheld at the discretion of the Committee.)

OPEN TO STUDENTS IN THE FRENCH SUMMER SCHOOL

FRENCH SUMMER SCHOOL SCHOLARSHIPS.—A number of Resident Scholarships of the value of $50 to $100 are offered to teachers and to students of colleges and universities who are qualified to enter Section B (Intermediate) or Section C (Advanced). (*See French Summer School Announcement.*)

OPEN TO STUDENTS ENTERING THE SCHOOL FOR GRADUATE NURSES

SCHOLARSHIPS

Applicants for scholarships must meet the entrance requirements of the University (Junior Matriculation standing or its equivalent). Preference will be given to applicants with experience in the nursing field.

1. ALEXANDRA HOSPITAL

The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

2. ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC

A scholarship of $500 to a member of the Association of Nurses of the Province of Quebec whose qualifications are acceptable to McGill University for any course selected in the School for Graduate Nurses.

3. CHILDREN'S MEMORIAL HOSPITAL SCHOOL OF NURSING

The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School for Graduate Nurses.

4. MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING

The Mildred Hope Forbes Memorial Scholarship Fund provides three annual scholarships for graduate work in nursing at a Canadian university, offered to graduates of the Montreal General Hospital School of Nursing.

5. ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING

1. The Mabel F. Hersey Scholarship is given annually by the Board of Governors for a year of postgraduate study at the School for Graduate Nurses, McGill University.

2. The Emma Thomas Scholarship is offered annually for postgraduate study.

3. The Ida McGregor Scholarship is offered annually for postgraduate study.

6. VICTORIAN ORDER OF NURSES FOR CANADA

The Victorian Order of Nurses for Canada offers scholarships of $750 to nurses to assist them in taking postgraduate preparation in Public Health Nursing. The recipients are obligated, following their course, to work one year for the Victorian Order in the area where their services are most urgently needed.

7. THE HOMŒOPATHIC HOSPITAL OF MONTREAL

The Alumnæ Association of The Homœopathic Hospital School for Nurses offers a scholarship of $300 for a year's study in Teaching and Supervision in Schools of Nursing at the School for Graduate Nurses, McGill University. Only members of the Alumnæ Association are eligible.

8. HERBERT REDDY MEMORIAL HOSPITAL

The Board of Trustees offers a scholarship for a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing in connection with the Hospital are eligible.

W. K. KELLOGG FOUNDATION LOAN FUND.—Through the generosity of the Foundation, this fund has been established to assist graduate nurses who cannot otherwise meet the expenses of a year of study at the school. For further particulars applicants should consult the Director of the School for Graduate Nurses.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSIOTHERAPY

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 617.

THE DR. F. G. FINLEY BOOK PRIZE awarded annually to the student with the highest standing in the first year.

THE CANADIAN PHYSIOTHERAPY ASSOCIATION BOOK PRIZE awarded annually to the student with the highest standing in the third year.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL, to be awarded to the most proficient student in the graduating class.

CANADIAN LEGION SCHOLARSHIPS.—Three undergraduate scholarships of the annual value of $275 each and tenable for three years. Application should be made through the Director of the School of Physiotherapy.

OPEN TO STUDENTS IN THE SCHOOL OF SOCIAL WORK

A number of bursaries are available for the Session 1950-51.

Substantial financial assistance may be given under the Federal-Provincial Health Grants to students desiring to qualify in psychiatric and medical social work.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

The Alumni Society of the School has established a Loan Fund for the use of students.

VI. MEDALS AND PRIZES IN THE DEPARTMENT OF ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

1. FOR MEN

THE WICKSTEED MEDALS.—The Wicksteed silver and bronze medals for physical education (the gift of the late Dr. R. J. Wicksteed) are offered for competition to students of the graduating class and to students who have had instruction in the gymnasium for two sessions; the silver medal to the former, the bronze medal to the latter. The award of these medals is made by judges appointed by the University. The medal is not awarded to any student who fails in his examinations for the degree.

THE DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for his retention.

FOOTBALL TROPHIES

FRED WIGLE MEMORIAL TROPHY.—For the most valuable Senior Football player.

CLAIRE MUSSEN MEMORIAL TROPHY.—For the most valuable Intermediate Football player.

MCGILL TOUCHDOWN CLUB TROPHY.—For the most valuable Lineman in Senior Football.

LOIS OBECK TROPHY.—For the most improved Senior Football player of the year.

HOCKEY TROPHY

DR. BOBBY BELL MEMORIAL TROPHY.—For the most valuable Senior Hockey player.

I. FOR WOMEN

STRATHCONA PRIZES.—The Department of Athletics, Physical Education, and Recreation in conjunction with the M.W.S.A.A., offers a prize for competition in each of the four years of the Faculty of Arts and Science. Details of the competition are announced at the beginning of each session.

THE DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for her retention.

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McGill University

Montreal

Faculty of Arts and Science

1950-1951

MCGILL UNIVERSITY LIBRARY

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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ADMINISTRATIVE OFFICERS

THE UNIVERSITY

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S. — *Bursar and Secretary of the Board of Governors*

T. H. Matthews, M.A. — *Registrar*

F. S. Howes, B.Eng., M.Sc., Ph.D. — *Chairman of University Extension*

Muriel V. Roscoe, M.A., Ph.D., D.Sc. — *Warden of the Royal Victoria College*

Richard Pennington, B.A., Lib.Dip. — *Librarian*

G. A. Grimson, B.Com. — *Chief Accountant*

E. C. Knowles, B.D., M.A. — *University Chaplain and Student Counsellor*

F. M. Watkins, A.B., Ph.D. — *Warden of Douglas Hall*

FACULTY OF ARTS AND SCIENCE

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of the Faculty*

C. D. Solin, M.A., Ph.D. — *Assistant Dean*

H. G. Files, M.A., Ph.D. — *Chairman, Humanities Group*

John Stanley, M.A., Ph. D. — *Chairman, Biological Sciences Group*

C. B. Purves, Ph.D., D.Sc. — *Chairman, Physical Sciences Group*

F. M. Watkins, A.B., Ph.D. — *Chairman, Social Studies and Commerce Group*

H. D. Woods, M.A. — *Director of the School of Commerce*

COUNCIL

The Dean, the Principal, and the four Group Chairmen form the Council of the Faculty.

STANDING COMMITTEES OF THE FACULTY OF ARTS AND SCIENCE

SESSION 1950-51

B.A. ADVISORY COMMITTEE

THE DEAN, *Chairman*
E. R. ADAIR
C. H. CARRUTHERS
C. A. DAWSON
H. G. FILES
W. L. GRAFF
D. O. HEBB
JOHN HUGHES
B. S. KEIRSTEAD
J. E. L. LAUNAY
R. D. MACLENNAN
HERBERT TATE
F. M. WATKINS
THE ASSISTANT DEAN

B.Com. ADVISORY COMMITTEE

H. D. WOODS, *Chairman*
THE DEAN
K. F. BYRD
B. H. HIGGINS
HERBERT TATE
B. S. YAMEY
THE ASSISTANT DEAN

B.Sc. ADVISORY COMMITTEE

T. H. CLARK, *Chairman*
THE DEAN
J. J. O'NEILL
MURIEL V. ROSCOE
A. N. SHAW
JOHN STANLEY
D. L. THOMSON
P. R. WALLACE
C. A. WINKLER
THE ASSISTANT DEAN

B. F. A. ADVISORY COMMITTEE

R. T. DAVIS, *Chairman*
THE DEAN
H. G. FILES
JOHN HUGHES
A. L. PHELPS
THE ASSISTANT DEAN

The B.A., B.Sc., B.Com., and B.F.A. Advisory Committees also act together as a General Advisory Committee.

SCHOLARSHIPS COMMITTEE

E. R. Adair, *Chairman*
The Dean
Cecil Currie
G. I. Duthie
Oswald Hall
J. E. L. Launay
J. R. Mallory
Muriel V. Roscoe
John Stanley
Herbert Tate
G. A. Woonton
The Assistant Dean

TIME TABLE COMMITTEE

Herbert Tate, *Chairman*
C. H. Carruthers
Cecil Currie
A. S. Ross
The Assistant Dean

COMMITTEE ON ADMISSIONS AND STANDING

D. L. Thomson, *Chairman*
The Dean
R. D. Gibbs
R. V. V. Nicholls
E. R. Pounder
W. S. Reid
Muriel V. Roscoe
W. B. Ross
K. G. Terroux
H. D. Woods
The Assistant Dean

A complete list of the teaching staff of the University, including the Faculty of Arts and Science, is printed as a separate announcement which may be obtained from the Registrar's Office.

The Faculty of Arts and Science

(McGILL COLLEGE)

GENERAL INFORMATION

The undergraduate work of the University in Arts, in Pure Science, in Commerce, and in Fine Arts is done in McGill College, usually called the Faculty of Arts and Science. The Dean of McGill College is the Dean of the Faculty of Arts and Science.

The work of the students who are candidates for the degree of Bachelor of Commerce is supervised by the Director of the School of Commerce which is an integral part of the Faculty. *The School of Commerce has a separate Announcement.*

DEGREES OFFERED

Bachelor of Arts (B.A.),
Bachelor of Science (B.Sc.),
Bachelor of Commerce (B.Com.),
Bachelor of Fine Arts (B.F.A.).

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.*

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

PERIOD OF STUDY FOR A DEGREE

The bachelor's degree may be obtained only by students who have regularly attended the prescribed courses for at least four years after being admitted into the first year, or for at least three years after being admitted into the second year. Students are admitted into the third year only in exceptional circumstances and at least two full years of resident study in the Faculty are ordinarily required before the bachelor's degree can be granted.

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*See also pages 307 to 309 of the General Information booklet enclosed with this Announcement.

CLASSES OF STUDENT IN THE FACULTY

(1) *Regular Undergraduates :* Students with complete matriculation qualifications taking the regular work of their year towards the B.A., B.Sc., B.Com., or B.F.A. degree.

(2) *Limited Undergraduates:* Students with complete matriculation qualifications who find themselves unable because of ill-health or other circumstances to complete their degree work in the required four years may, with the Dean's permission, extend their course beyond the required period but must complete it within eight years.

Limited Undergraduates are not eligible for scholarships, medals, bursaries, or prizes of any description and may not read for an Honours degree.

(3) *Partial Students:* Students who are not registered as proceeding to a degree but who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in the course. Application may be refused because of limitation of space in lecture rooms and laboratories. A student who has tried, and failed to pass, matriculation is not allowed to register as a partial student except in special circumstances.

If a partial student hopes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A partial student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses and showing his class standing in each. Work taken by a partial student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial students are not eligible for scholarships, bursaries, medals, or prizes.

APPLICATION FOR ADMISSION

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's office. Each applicant from a High School should see that a confidential report is sent from his Principal to the Dean, since such a report is necessary for the

consideration of the application. Completed applications must reach the Registrar before August 31st, but it is advantageous for students to submit formal applications in the Spring months, supplementing them, if necessary, with the required certificates as soon as these become available.

Women students whose homes are outside Montreal must make application before May 31st to the Warden of the Royal Victoria College for residence. At the same time, they must submit their academic applications (even if these are incomplete). Forms for these purposes are obtainable from the College or from the Registrar's Office.

Each accepted candidate will receive a formal acceptance to a definite course and year and this must be kept for presentation at registration.

The number of admissions is limited and the College is not bound to accept applicants who have passed the required examinations.

ENTRANCE REQUIREMENTS (For the Session 1950-51)

See General Announcement for details.

Students may be admitted into the Faculty as regular undergraduates after obtaining the necessary standing in the required papers of the McGill Junior or Senior School Certificate examination, or their recognized equivalents. Full details concerning there examinations are given in the School Certificate Examinations Announcement, which may be obtained from the Registrar's office. *A student with incomplete matriculation qualifications is not admitted as a regular undergraduate.*

FIRST YEAR

A student may apply for admission to the First Year of the B.A., B.Sc., B.Com., or B.F.A. course, after obtaining the necessary standing in the appropriate subjects of the School Certificate Examination or in one of the examinations recognized by the University as the equivalent.

SECOND YEAR

A student may apply for admission to the Second Year of these courses after obtaining the necessary standing in the appropriate papers of the School Certificate *and* Senior School Certificate Examinations or their recognized equivalents. Only in exceptional circumstances is a student who has not written and passed the School Certificate Examinations or their equivalent admitted by Senior School Certificate. At least a good second class standing in Senior School Certificate Examinations or their equivalent is required for entrance to the Second Year.

A student who has been admitted to the first year and who has failed to advance to the second year is not permitted to obtain advanced standing by writing Senior School Certificate Examinations, but, provided that he has not been excluded from further study for academic or other reasons, he is required to take the regular supplemental examinations of the first year if he desires to proceed in his course.

Students who are admitted to the B.A. course without having satisfied the requirement of the classical language must include in their programme a classical language for two years. All applications for exemption from the classical requirement must be submitted in writing to the Dean prior to registration.

Candidates for admission to the University in the second year of the B.A. course may offer, in place of Senior Matriculation Mathematics, another subject in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a pre-requisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate or its equivalent and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Students may be admitted to the second year in the B.A. course with School Certificate German or Greek or Spanish as one of the five subjects required if they have not previously taken that subject for the School Certificate.

Full details of these examinations are given in the School Certificate Accouncement which may be obtained from the Registrar's Office.

THIRD YEAR

A student may apply to enter the Third Year by submitting application forms as for first and second years together with the necessary certificates of attainment.

REGISTRATION

All First Year students in the Faculty of Arts and Science will register on Thursday, September 28th, in the Sir Arthur Currie Memorial Gymnasium. Students in the Second, Third, and Fourth Years will register on Friday, September 29th, and on Saturday, September 30th, in the Gymnasium.

The Freshman Welcome meeting will take place on Monday, October 2nd.

After October 1st a special late registration fee must be paid (see page 1036).

No student will be admitted after October 14th except by special permission of the Dean.

At the time of registration, women students in the Faculty will be required to fill out special forms for the Royal Victoria College, of which they are automatically members (see pages 307 to 309 of the General Information booklet enclosed with this Announcement).

Those women students in the Faculty who do not reside with their parents or guardians in Montreal and who wish to live outside the University residences are required to submit their plans for residence in writing to the Warden and to obtain written approval. Students in this category who are entering the University for the first time must in all cases fill out residential application blanks at the time the academic application is submitted.

Each regular undergraduate must be registered for the courses and year for which he has been accepted. Limited undergraduates and Partials must obtain approval of their courses from the Admitting Officers before proceeding to register.

All students intending to take an Honours Course must obtain the approval of the Chairman of the Department or Departments concerned before registration.

Courses of study for the B.A., the B.Sc., and the B.F.A. degrees are laid down on pages 1017 to 1030 and details of these courses are found in pages 1038 to 1146. At the end of the description of the courses provided by each Department will be found the requirements for Honours.

For details concerning the curriculum and courses of lectures in Commerce, see the separate Announcement of the School of Commerce.

No undergraduate may attend classes in any course for which he is not registered.

DEGREES AND COURSES OF STUDY

The Faculty of Arts and Science offers courses of study leading to four degrees: Bachelor of Arts (B.A.), Bachelor of Science (B.Sc.), Bachelor of Commerce (B.Com.), and Bachelor of Fine Arts (B.F.A.).

The courses offered by the Faculty are grouped in four ways in order to secure a co-ordination and integration of the courses of study — viz.: the Humanities, Social Studies and Commerce, Physical Sciences, and Biological Sciences.

A course of study for the Arts degree is predominantly concerned with the Humanities, comprising language, literature, and philosophy, and the Social Studies, comprising economics, education, geography, history, political science, and sociology.

A course of study for the Science degree emphasizes the Physical Sciences, mathematics, chemistry, geology, and physics, and the Biological Sciences, anatomy, bacteriology, biochemistry, botany, genetics, physiology, psychology, and zoology.

The Fine Arts curriculum includes planned courses in academic subjects, the theory and history of the Fine Arts, and practical training in drawing, painting, and design. The syllabus is arranged to meet the needs of three types of student: those who plan to become teachers of Art in public or private schools, those who wish to enter the field of industrial design or commercial art, and those who will later become professional painters, graphic artists, and craftsmen, and who desire to secure both broad intellectual training and basic practical experience.

The School of Commerce offers four years of undergraduate work leading to the degree of Bachelor of Commerce.

All students must consult the Director of the School before registering for the course in any year. A separate Announcement of the School of Commerce is obtainable from the Registrar's Office.

In the case of both the Arts and the Science degrees, the course of study includes one or more subjects from other groups than the particular one in which the major part of the course of study lies.

GENERAL AND HONOURS DEGREES

There are two distinct kinds of degree conferred in Arts and Science, the General Degree and the Honours Degree.

A student proceeding to a General Degree has a wide range of subjects from which to choose his courses but he must concentrate from the Second Year onward on two subjects called *Continuation Subjects* and he must

select one or more courses in other subjects so that there may be a proper distribution of his studies. The continuation subjects are chosen from a list of those which are laid down as appropriate to the degree for which the student is a candidate. A full course (or two half-courses) must be taken each year in each of these two continuation subjects. The elective courses necessary to make up the work of each year should be chosen by the student so that he may fulfil (*a*) the requirements of that particular year and (*b*) the prerequisite requirements of any course which he wishes to take in the following year.

When the student's record during his Second, Third, and Fourth Years of the General Course averages a high second class standing a special award of *Distinction* is made at graduation. When the record averages first class standing the award made is *Great Distinction.*

A student proceeding to an Honours degree chooses either (*a*) one subject or (*b*) two cognate subjects in which to specialize. He will also take courses in other subjects selected with the approval of the department or departments in which he is studying. In most departments the honours courses begin in the Second Year; but even in these departments in the case of students of exceptional merit they may be commenced in the Third Year. The student must attain at least second class standing each year in order to continue in the course for the Honours degree. The whole record during the Second, Third, and Fourth Years is taken into consideration at graduation and Honours are awarded by the Faculty on the recommendation of the department or departments in which the student has elected to study.

COMMON FIRST YEAR

A student who is qualified by matriculation to proceed to the B.A. or B.Sc. degree and who does not know at the beginning of his first year which degree he desires to obtain, may qualify to enter the second year leading to either of these degrees by taking in his first year — English, Mathematics, a Classical Language, Physics, and Chemistry. This is known as the *Common First Year* and the student pays the fee required for the first year B.Sc. course.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students is called to a pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement* issued by the Faculty of Arts and Science. This booklet is bound in at the back of this announcement, and separate copies are distributed at the time of registration. Extra copies may be obtained through the Dean's Office.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF ARTS

Every candidate for the B.A. degree must meet certain requirements, whether he is proceeding towards an Honours or a General degree. A course in each of English, Classics (Greek or Latin), and Mathematics is required in the first year of study.

CLASSICS REQUIREMENT

In special circumstances, a student may be given permission to substitute another subject for Classics in the first year. Application for such permission must be made to the Dean prior to registration.

MATHEMATICS REQUIREMENT

A student may be allowed to replace Mathematics by a first year course in a subject in which he has shown marked proficiency and which is in accordance with the trend of the studies that he is preparing to pursue. In general, however, students are advised to take Mathematics during the first year. It is a pre-requisite to all advanced courses in the science division and must be taken concurrently with first year courses in Physics and Chemistry. It is also a required subject for students who intend to take courses in Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, the first year course in Mathematics is obligatory. In any case, no student will be exempted from the first year course in Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate or its equivalent, and has achieved at least 75% in the Junior School Certificate examinations or their equivalent in History or a Modern Language or Classics. Only a subject in which this 75% has been obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, students are expected to choose History as the substitute.

MODERN FOREIGN LANGUAGE REQUIREMENT

There is further required of all candidates for the degree a course in a modern foreign language, which may be taken in any year. Where a student chooses to begin the study of a language in order to meet either the classics or the modern language requirement, he must take and pass a further course subsequent to the elementary one to satisfy this language requirement. This rule applies, for example, to a student who begins the study of Greek, Latin, German, or Spanish (there is no beginning course in French); in every case the elementary course alone will not satisfy the requirement for the B.A. degree. On the other hand, a begin-

ning course is given full credit when it is taken as a simple elective which is not to be counted towards satisfying the language requirement, except that in the Fourth Year such an elementary course is treated as only a half-course.

SCIENCE REQUIREMENT

For the General B.A. degree, there is the further requirement of one course in a science subject, which may be taken in any year. The combinations of the two half courses Botany 11a plus Zoology 11b, or Zoology 11a plus Botany 11b, are acceptable as fulfilling this requirement, but it should be noted that both Zoology 11a and 11b are prerequisite to some courses in Zoology.

A student proceeding to an Honours degree is not required to take a course in Science.

NUMBER OF COURSES

In each of the First and Second Years five courses must be taken, that is, normally fifteen hours of class work per week; and in the Third and Fourth Years respectively, four courses, making twelve hours per week. The third hour each week in each individual course may be devoted to group conferences.

THE FIRST YEAR OF THE B.A. COURSE

(FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
*Latin *or* Greek
*Mathematics

(b) Elective:

Two of the following:
Economics 100
French
German
Greek *or* Latin (if not already taken)
History
Music
Science (Botany 11a *and* Zoology 11b, or Zoology 11a *and* Botany 11b, or Chemistry 60, or Geography 12, or Physics 11 or Physics 12)
Spanish

Details of the work in each subject are given on pages 1038 to 1146.

*See page 1017 for information concerning exemption in Classics or Mathematics in exceptional cases.

Students seeking to qualify for the High School Diploma of the Province of Quebec have to fulfil certain additional requirements in both the First and Second Years. See page 1065.

SELECTION OF COURSES

The student is normally free to elect *two* courses in the First Year which, together with the three compulsory courses, complete the total of five required for that year. In choosing his courses the student is, however, advised by those who are registering him to give careful consideration to his selection. These points must be remembered:

1. He has to consider the desirability of choosing a course in a modern foreign language; this may be taken in any year, but it is preferable to take it not later than the Second Year, because a student who subsequently elects to take an Honours course in some other subject than a foreign language may find it difficult to take this compulsory language course in the Third or Fourth Year when he is likely to be fully occupied with his Honours studies.

2. Unless he is intending to take an Honours course, he has to choose, at some time or other during his four years, one of the science courses.

3. If he intends to take an Honours course, he must be careful to select the course in the First Year which is the prerequisite for such Honours study in the Second Year. A student who intends to study a subject for Honours or Continuation is warned to look up the requirements of the appropriate departments, given on pages 1038 to 1146.

4. Before being admitted to Honours study in History, the student is expected to have a knowledge of French and of Latin. The latter requirement may be satisfied by a first year college course following matriculation Latin or, at the discretion of the Department, by high ranking in Latin in the matriculation examination.

5. A student who hopes to enter either the Faculty of Medicine or that of Dentistry upon the completion of his third year, must take both Mathematics and Physics in his first year.

ADVANCED COURSES IN THE FIRST YEAR

Some departments giving instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications.

These advanced courses are generally arranged by the departments when lectures actually commence, but any student who enrols in an advanced section *must* see that his registration, as recorded in the Assistant Dean's office, shows that he is taking advanced work.

Students of scholarship standing entering the first year may, with the approval of the Dean, take second year courses in subjects for which they are especially qualified.

THE GENERAL B.A. CURRICULUM IN SECOND, THIRD, AND FOURTH YEARS

At the beginning of the Second Year, a student proceeding to a General B.A. degree must choose two subjects from those listed below in Division I. These two subjects are designated *Continuation Subjects* and are to be studied during the Second, Third, and Fourth Years. A full course (or two half-courses) must be taken *each* year in each of the Continuation Subjects. The additional courses necessary to make the total of five for Second Year, and four for each of the Third and Fourth Years, may be chosen from any of the subjects shown in either Division I or Division II listed below. In choosing his elective courses, the student may seek the advice of one of the departments in which he chooses a continuation course. A student may select only those courses for which he has the prerequisites laid down by the department in which such courses are given, and he is responsible for seeing that the courses chosen do not conflict as regards hours of lectures or laboratory periods.

SUBJECTS OF STUDY OFFERED FOR THE ARTS DEGREE

Division I (Continuation)

Economics
English
French
Geography
German
Greek
History
Latin
Mathematics
Philosophy
Physics (when taken as a Continuation Subject with Mathematics)
Political Science
Psychology
Sociology
Spanish

Division II (Elective)

Ancient History
Bacteriology
Biochemistry
Botany
Chemistry
Education
Fine Art
Genetics
Geography
Geology
Italian
Linguistics
Music
Physics
Physiology
Zoology

A course intended primarily for First Year students may be counted as a full course in the Second Year.

Students who are pursuing a double course in Arts and Science and Divinity (six years at least) may, in the Third and Fourth Years, take the courses which constitute the ordinary curriculum in Arts and Science, less a half course each year or a whole course in one year.

Honours lecture courses are open to properly qualified general students.

GENERAL REGULATIONS GOVERNING HONOURS COURSES

The conditions for entering Honours courses in Second Year are as follows:

(*a*) The sanction of the Dean and of the departments in which Honours are elected must be obtained.

(*b*) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First Year.

Honours students who fail to attain second class honours standing at the end of the Second or Third Year must revert to the General course in their next and following year or years and fulfil its requirements unless they obtain special leave to continue their honours work from the department or departments interested.

An Honours student who has failed in any subject in the Third Year examinations is not allowed to continue his Honours course except with the consent of Faculty.

A student's whole record during his Second, Third, and Fourth Years will be considered in awarding Honours at graduation.

Students in Honours courses who fail to attain second class honours at graduation, or who succeed in attaining second rank honours only in one of two combined courses, must revert to the list of General students and if they are unable to satisfy the requirements of the General degree they will not be granted a degree.

Honours are awarded by Faculty on the recommendation of the department or departments in which Honours are elected.

THE HONOURS B.A. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Honours Courses Offered for the B.A. Degree

Classics
Economics and Political Science
English
French
Geography
German
Greek
History
Latin
Mathematics
Mathematics and Physics
Philosophy
Psychology
Sociology

and combinations of the above.

At the beginning of the Second Year a student proceeding to an Honours B.A. degree may elect to take full honours in one subject or half honours in each of two cognate subjects; these subjects must be chosen from the list given in the preceding paragraph. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 1038 to 1146.

Normally, when a student takes honours in two subjects, his certificate on graduation will indicate that the work done in each of these two departments amounts to only half a full Honours course in that department: e.g. First Class Honours in English (one-half) and History (one-half), or First Class Honours in English (one-half) and Second Class Honours in History (one-half). But in the departments of Classics and of Economics and Political Science, each of which is divided into two sections — Classics into Latin and Greek, and Economics and Political Science into Economcis and Political Science—honours in each of these sections is equivalent to half-honours in another department and can be so combined; therefore the certificate on graduation will indicate only the appropriate honours: e.g. First Class Honours in Greek and Second Class Honours in Latin, or First Class Honours in Economics and Second Class Honours in History (one-half).

A Second Year General student who shows exceptional merit in any subject in his Second Year examinations may, if he so wishes, and if the department is satisfied that his knowledge of the subject is sufficient to enable him to reach the standard of Honours by two more years' study, be allowed to take up the Honours course in that subject at the beginning of his Third Year.

Honours courses in the Second Year consist of 15 hours per week and in each of the remaining two years 12 hours, covering lectures, conferences, and tutorial classes. The work also involves wide reading and in addition to the actual subjects of lectures, study in the general subject selected, in accordance with a definitely prescribed programme. Attention is drawn to the fact that lectures are not given on all parts of the work, and that the examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

In the Second Year, a student registering for Honours in one subject only, fulfils the requirement of fifteen hours by taking a minimum of two courses or six hours in his Honours subject, and, in addition, such other courses in other departments (bringing the total to fifteen hours) as the department under which he is studying may direct. A student registering for combined Honours in two subjects fulfils the requirement of fifteen hours by taking two full courses in each Honours subject, or twelve hours altogether, and, in addition, one other course (making a total of fifteen hours), such as the two departments under which he is

studying may direct. In regard to Honours courses for the Third and Fourth years, the student should consult the regulations of the individual departments under which he is working.

Departments are at full liberty to recommend their Honours students to take one or more courses in cognate subjects as the equivalent of courses in their own departments.

The attention of students interested in the nature, origin, and history of languages is directed to the courses found on pages 1021, 1055, 1089.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF SCIENCE

An undergraduate may proceed to either a General or an Honours B.Sc. degree. As the distinction between these is not made until the second year (or, in some cases, the third year), there is a common curriculum to be followed by all first year students.

THE FIRST YEAR OF THE B.Sc. COURSE

(FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
Mathematics 11a, 12b
Physics 11
Chemistry 11

(b) Elective:

Botany 11a *and* Zoology 11b
or one of the following, if the time-table permits:—
Economics 100
French
Geography 12
German 3
Greek
History
Latin
Music
Spanish
Zoology 11a *and* Botany 11b

In special cases, and subject to timetable arrangement, a qualified student may be granted permission to take either Botany 11, or Zoology 11, as the Elective Course. Students who intend to take honours in Zoology are advised to choose Zoology 11b. Students who intend to take the general Honours in Biological Science must elect Botany 11a and Zoology 11b. Zoology students will then take a half course in Botany in their first year of Honours, and Honours Botany students will subsequently take sufficient Zoology. More advanced courses are available also in Chemistry, Mathematics, and Physics for those specially qualified or contemplating Honours.

THE GENERAL B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

In each of these years five courses are required; these courses must be spread over at least four subjects, and must be selected from the groups given below. The student is also required to pursue a continued study of two subjects during the major part of his last three years for the General degree. The normal sequence of courses in any subject chosen for continuation is shown in Group I below. Since courses in Bacteriology, Biochemistry, and Physiology are usually begun in the third year, a student is not obliged to choose these subjects for continued study until the beginning of his third year; in other cases he will commence his continuation subjects at the beginning of his second year. In any year, a specially qualified student may be allowed, upon the recommendation of the department concerned, to substitute a more advanced course for any of those listed.

SECOND YEAR REQUIREMENTS

Three Science subjects from Group I; one Arts course from Group III; and one course from Group I or II or III.

THIRD YEAR REQUIREMENTS

Two Science subjects from Group I; one course from Group I or II; one Arts course from Group III, and one course from Group I or II or III.

FOURTH YEAR REQUIREMENTS

The same as for Third Year, the two subjects previously chosen from Group I being continued throughout this year. It is permissible, however, to drop one of these continuation subjects in the fourth year provided that two courses be taken in the remaining continuation subject; in this case the student's courses may be spread over three instead of four subjects.

GROUP I (Continuation Subjects)

SUBJECT	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Biochemistry	See below	31	43 or 44
Botany	11 or 21 or 22b and 23a	21 to 42	21 to 42
Chemistry	22 or 24	24 or 22	23a, 23b, 32
Genetics	21	32a, 32b, 36b	43b, 44, 45a, 47a or 47b
Geography	21	22	44 or 46
Geology	1, or 5 and 6	2a to 12b	2a to 12b
Mathematics	23a, b; 24; 36a, b	24; 28b; 36a, b	36; 37a, b; 38a, b; 43b
Physics	22 or 21	23, (24b, 25)	(32, 35a), (43a, 44b), (35a, 47b), (35a, 44b)
Psychology	21, 22a and 22b	33a, 34a, 34b	41b, 42, 43b, 45a, 45b
Zoology	11, 21, 22, 24, (25, 25b)	21, 22, 24, (25, 25b), 32, (23b plus 37)	21, 22, 24, (25, 25b), 32, 35, (23b plus 37)

If Biochemistry is to be taken as a continuation subject in the third year, Chemistry 22 and Physiology 22 must be taken in the second year.

A student who has not completed Botany 11 or Zoology 11 must obtain permission from the department concerned before proceeding to more advanced courses in these subjects.

Students selecting Physics as a continuation subject must also select the following Mathematics courses: 24 or 25 in second year; 37a and 37b in third year; or 37a in third year and 37b in fourth year.

GROUP II (Non-continuation subjects)

SUBJECT	COURSES
Bacteriology	4
Biochemistry	31, 44
Botany	11 to 41
Chemistry	22, 23a, 23b, 24, 32
Geography	21 to 46
Geology	1 to 12b
Genetics	21a to 47a or b
Histology	Anatomy 1a
Mathematics	14b, 15a, 23a to 28b, 36, 37a, 37b, 38b, 43a
Physics	21, 22, 23, 24b, 25, 30, 32, 35a, 43, 44b
Physiology	21 or 22, 31, 32.
Zoology	11, 21, 22, 24, 25, (23b plus 37), 32, 35

GROUP III (Arts subjects)

Economics	History
Education	Latin
English	Music
Fine Art	Philosophy
French	Political Science
Geography	Psychology
German	Sociology
Greek	Spanish

In selecting advanced courses students should consult the departments concerned.

Details of the courses are given on pages 1038 to 1146.

GENERAL REGULATIONS GOVERNING HONOURS COURSES

The conditions for entering Honours courses in Second Year are as follows:

(*a*) The sanction of the Dean and of the departments in which Honours are elected must be obtained.

(*b*) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First Year.

Honours students who fail to attain second class honours standing at the end of the Second or Third Year must revert to the General course in their next and following year or years and fulfil its requirements unless they obtain special leave to continue their honours work from the department or departments interested.

An Honours student who has failed in any subject in the Third Year examinations is not allowed to continue his Honours course except with the consent of Faculty.

A student's whole record during his Second, Third, and Fourth Years will be considered in awarding Honours at graduation.

Students in Honours courses who fail to attain second class honours at graduation, or who succeed in attaining second rank honours only in one of two combined courses, must revert to the list of General students and if they are unable to satisfy the requirements of the General degree they will not be granted a degree.

Honours are awarded by Faculty on the recommendation of the department or departments in which Honours are elected.

THE HONOURS B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Honours courses begin normally in the second year and are offered in the subjects listed below. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 1038 to 1146.

Attention is drawn to the fact that lectures are not given on all parts of the work. The examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

HONOURS COURSES OFFERED FOR THE B.Sc. DEGREE

Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Functional Biology
Geography
Geological Sciences
Mathematics
Mathematics and Physics
Physiology
Psychology
Zoology

GENERAL HONOURS IN BIOLOGICAL SCIENCES

As indicated above, students may proceed to an Honours Degree in some one of the various Biological Sciences. Alternatively, they may proceed to an Honours Degree in *General Honours in Biological Sciences* (as described below), postponing specialization in a particular Science (including Genetics), until postgraduate years. This General Honours Course provides a balanced study of the Plant and Animal Kingdoms, with a suitable admixture of Genetics, and is a basic training in plant and animal studies. It is of value to pre-teacher, pre-dental, and pre-medical students, and for those who have an interest in the Biological Sciences, but do not wish the marked specialization of an Honours Degree in a single Science.

Students who obtain a high second class average in this course are eligible for admission (with approval) to the Faculty of Graduate Studies and Research, but they may have to spend additional time fortifying their knowledge of a particular field.

Students enrolled in the old *Honours in Functional Biology* and in the *General Honours in Biological Sciences* of the session 1949-50 may continue or, if they wish, according to the curriculum show in the Arts and Science Announcement of that year, and the transfer is feasible, they may change to the new course. Students who do so transfer may not later revert.

The Honours Curriculum in a particular Biological Science may be found under the appropriate Departmental sections.

CURRICULUM OF GENERAL HONOURS IN BIOLOGICAL SCIENCES

Note: Students are reminded that courses chosen in any one year may affect the taking of other courses in subsequent years. *It is essential for this course that Botany 11a and Zoology 11b be taken in B.Sc. 1.*

Students must apply for entry to this course to the Chairman of the Biological Sciences Group, and must obtain his approval before they will be permitted to register for this General Honours Course.

Prerequisite General First Year B.Sc. with the required standing (at least Second Class). Botany 11a and Zoology 11b *must* be taken as the electives.

2nd year Botany 11b, 21; Chemistry 22; Genetics 21a, 21b; Zoology 11a, 21.

3rd year Botany 23a, 22b, 31; Physiology 22; Zoology 22a, 22b; plus either Zoology 24 or a free option from the list below.

4th year Bacteriology 4; Biochemistry 31; Genetics 32a, plus Genetics 36b or 45a; plus either Zoology 24 or a free option from the list below; plus a fifth course in the form of another free option.

NOTE: Zoology 24 must be taken in one or the other of B.Sc. 3 or B.Sc. 4 *i.e.*, the free option in place of Zoology 24 may not be taken in both these years.

Free options (to be taken where indicated)—

Botany 32, 33; an English course beyond English 100; a French course; Genetics 44 (or any other course in statistics); Genetics 45a; Geography 12; Geology 1; a German course; Philosophy 3; Physics 21; Psychology 21; Zoology 25 plus 25L; Zoology 33.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF FINE ARTS

Requirements for all candidates for the B.F.A. degree are the same in the first two years. In the third and fourth years, students are expected to choose one of the three directions for specialization: training for the Fine Arts; training in working for commerce and industry; training for teaching art, leading at the end of the fourth year to a Specialist Diploma for Art Teachers in the Protestant High Schools of the Province of Quebec.

FIRST YEAR OF THE B.F.A. COURSE

Fine Arts 161
English 100
History
French *or* German
A Science (Botany 11a and Zoology 11b, *or* Zoology 11a and Botany 11b are recommended)

SECOND YEAR OF THE B.F.A. COURSE

Fine Arts 201 *Introduction to Art*
Fine Arts 261 *Drawing and Painting*
Fine Arts 271 *Design*

One additional subject selected from the following fields:

Anthropology	Sociology
Literature	Philosophy
History	Psychology

THIRD AND FOURTH YEARS OF THE B.F.A. COURSE

All students are required to take the following courses:
Fine Arts 301 *History of Art: The European Traditions*
Fine Arts 401a and 401b *History of Art*
Fine Arts 411a *Seminar in Art Criticism*
Fine Arts 499b *Thesis*

A. In addition students training to be professional artists must take the following:

Third Year: Fine Arts 361 *Drawing and Painting*
Fine Arts 371 *Design*
One additional subject selected from the following fields:

Anthropology	Sociology
Literature	Philosophy
History	Psychology

Fourth Year: Fine Arts 461 *Drawing and Painting*
Fine Arts 471 *Design*

B. Students training to work in Art for Commerce and Industry must take the following:

Third Year: Fine Arts 361 *Drawing and Painting*
Fine Arts 371 *Design*
Fine Arts 381 *Design for Commerce and Industry*

Fourth Year: Fine Arts 461 *Drawing and Painting*
Fine Arts 481 *Design for Commerce and Industry*

C. Students training to be Art Teachers must take the following:

Third Year: Fine Arts 361 *Drawing and Painting*
or
Fine Arts 371 *Design*
Fine Arts 391 *Teaching Methods in Art*
Psychology 25 *Educational Psychology*
(Students having elected Psychology 21 as an additional subject in their second year will be required to take Psychology 33a and 33b.)

Fourth Year: Fine Arts 461 *Drawing and Painting*
or
Fine Arts 471 *Design*
Fine Arts 491 *Teaching Methods in Art*
Education 1 *General Principles of Education*

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each regular undergraduate in the faculty is required to register for one of the bachelor's degrees offered and, unless otherwise instructed by the Dean, must follow the regular work of his year towards this degree.

Although there are no specially organized courses for preparing candidates for other faculties, it is possible to include the prerequisites to entrance to these faculties within the framework of the B.A. and B.Sc. curricula. Students intending to enter one of these faculties later should acquaint themselves with the entrance requirements as shown in the individual Announcements of the faculties.

Students proceeding into the Professional Faculties should note particularly that admission to these Faculties is not automatic: regular application forms must in all cases be submitted in advance of the prescribed dates, accompanied by such other documents as the Faculties may require.

DENTISTRY: At least two years of the B.A. or B.Sc. courses are required for entrance to first year Dentistry. If a student wishes to enter after two such years he must take Physics 11 and Chemistry 11 in his first year in Arts and Science; the other subjects required are Chemistry 22 and Zoology 11a and 11b. (B.A. students should note paragraph 5, page 1019.)

LAW: A minimum of two years in the Faculty of Arts and Science is required for admission into the Faculty of Law. Nevertheless, candidates proceeding to the Bar of the Province of Quebec must be British subjects, hold the degree of B.A. from a Canadian or British University and satisfy the Bar examiners that they have successfully completed "the regular

course in Philosophy" in an approved university. Students are advised to take this course in Philosophy before entering the Faculty of Law. The following courses are availabe: Philosophy 1, 2, 3, and 4 (see page 1107). In addition candidates are expected to have a working knowledge of French.

MEDICINE: The Faculty of Medicine offers the following advice to students proceeding in pre-medical studies at McGill:

1. Absolutely required are courses in Physics, General and Organic Chemistry, and Biology. These requirements can be met by passing Physics 11; Chemistry 11 and22; and Botany 11a or Zoology 11a followed in either case by Zoology 11b.

2. Other courses chosen for three pre-medical years should be so planned as to give the student more than elementary training in some definite field of knowledge, which may be selected from the Humanities, the Social Sciences, or the Physical or Biological Science. The curriculum for the three years should therefore be planned as a whole, so as to emphasize the selected field. Study in this field should be continued by students who fail to gain admittance to medicine after three years.

3. The curriculum must be in harmony with the requirements of the Faculty of Arts and Science for the B.A. or B.Sc. degree. English 100 and Mathematics will be taken in the First Year. Continuation subject requirements must be complied with, and these subjects should be related to and reinforce each other, in the spirit of paragraph 2.

4. Students taking a pre-medical course within the B.A. curriculum are advised to take English, Mathematics, Physics, Latin and an elective course (preferably leading to the field of specialization) in the First Year; Chemistry 11 and Biology, the continuation subjects, and a modern language in the Second Year; Chemistry 22, two courses in one continuation subject and one in the other, in the Third Year.

5. Students entering through the B.Sc. curriculum will ordinarily complete the required courses (paragraph 1) very quickly and can proceed to specialize in the selected field. Those who expect to enter Medicine after three years are advised against taking prematurely the medical subjects such as Physiology, Biochemistry, Bacteriology, and Histology. There is, however, a definite place in Medicine for students who have completed an Honours course or a Master's degree in one of these sciences, or in Chemistry, Physics, etc.

6. Courses which are of value as preparation for medical studies, and of which some may be taken as electives or as extras if the curriculum in the major field permits, include Botany 11a, Zoology 11a, Genetics 21a, Psychology 21, Sociology 21, Genetics 21b, Zoology 21, 24, (25, 25b).

7. The Medical College Admission Test, conducted by the Graduate Record Office, should be taken in the second term of the Second Year or the first term of the Third Year.

8. B.A. students should also note paragraph 5, page 1019.

B.A. AND B.Sc. DEGREES FOR STUDENTS IN MEDICINE AND DENTISTRY

Students who have completed with good second class standing three years of the General Course leading to the Arts degree and two years in the Faculty of Medicine or Dentistry will, on application, be recommended by the Faculty of Arts and Science for the B.A. degree, if they have satisfied all the specific requirements of the First, Second, and Third years for the B.A. degree as to subjects, and in each of the second and third years taken three courses in Arts subjects so chosen as to fulfil the requirement of continuation study or its equivalent.

Students completing three years in the course leading to either the Arts or the Science degree and two years in Medicine or Dentistry are entitled to apply to the Faculty of Arts and Science for the degree of B.Sc. Students will not, however, be recommended for the B.Sc. degree unless they have satisfied the specific requirements for that degree or their equivalent. Students with high distinction in the first years of the B.Sc. course who maintain that standing in the first two years in Medicine at McGill will be granted the degree with Distinction or Great Distinction.

SUMMER SCHOOL IN FRENCH

The French Summer School is held every year, commencing in the final week of June and lasting six weeks.

Its courses are distributed among three Sections: A, B, and C, one of which, Section A, is below college standard. They deal with the various aspects of language study as well as literature and civilization. Courses in spoken French are divided into small classes for the purpose of intensive oral drill. In this respect the School definitely supplements the instruction given in the Department in the winter session, when such oral practice is only incidental to the subject-matter of the courses offered and is never the primary objective. It should be noted that the first year course given in the French Section of the Department of Romance Languages is not a beginner's course and is conducted, like all others, entirely in French. (The standard qualification for admission into Section A is two years of High School French.)

For this reason students who find it difficult to understand, speak, or write French are recommended to avail themselves of the special facilities which the School offers in its three sections, and particularly in Sections A

and B for a systematic study of the language, oral and written. Section C is specially intended for graduate students or students interested in pursuing higher studies in French.

With the permission of Faculty, courses in Sections B and C may be counted towards the Bachelor's degree in cases where students need to make up the number of courses normally required for the degree. Students in Section C, who attend the School for at least four sessions and satisfy the requirements, can obtain an M.A. in French without having to reside at McGill during any of the winter sessions.

Students receive most benefit from the courses offered by the School if they choose to reside in one of the French Houses, where the use of French at all times is compulsory. Members of the teaching staff live in residence with the students and are constantly in helpful and friendly relationship with them. This informal education through daily association in the Common Room, at meals, and in social activities—which include sports, music, dramatics, and conducted visits through the beauty-spots of the Province of Quebec—is one of the most valued features of the School.

Reduced railway fares from all points in Canada have been arranged.

Applicants should address their inquiries to:

The Director, French Summer School, Arts Building.

SUMMER SCHOOL IN GEOGRAPHY

A Summer School in Geography is held every year at Stanstead College, Stanstead, P.Q., commencing in the final week in June and lasting six weeks. A wide variety of courses is offered and the staff of the Department will be reinforced by notable Visiting Professors.

Applicants should address their inquiries to The Director, Summer School in Geography, Arts Building.

FEES

The regular and special fees payable by students in the Faculty of Arts and Science, including the School of Commerce, are shown below. The University reserves the right, however, to make changes without notice in its published schedule of tuition, residence, and other fees.

TUITION:

REGULAR UNDERGRADUATES

Sessional Fee:	Arts	$250.00
	Science	300.00
	Commerce	275.00
	Fine Arts	275.00
Courses repeated or substituted by Conditioned Students, per course		10.00

LIMITED UNDERGRADUATES AND PARTIAL STUDENTS (Arts Science Commerce and Fine Arts)

Each full course 72.00

Each half course 36.00

Courses in Physical Education taken by Partial Students in Arts, per hour, per week 5.00

a) The maximum fee charged to Partial Students will not exceed the full sessional free payable by Regular Undergraduates.

b) Graduates of this University taking undergraduate lectures for which no academic credit is sought will pay one-half the Partial Students fee, with a maximum of $150.00.

c) Partial students, not paying the maximum sessional fee payable by Regular Undergraduates, who desire the full undergraduate athletic and health service privileges, will pay an additional fee of $22.00.

EDUCATION STUDENTS

Students in the Graduate Year taking the High School Diploma Course, sessional fee ..... $ 150.00

NOTE:—The fees listed above include all the regular charges of the University for registration, tuition, health service (where applicable), laboratories, libraries, physical education and sports (where applicable) and graduation (except *in absentia*). Special fees and penalties are shown below.

SUPPLEMENTAL EXAMINATIONS

For students permitted by the Dean to make application to write supplementals, each examination 10.00

INSTALMENT FEE

Fees, if desired, may be paid in two instalments, the first due on the dates shown below, and the second instalment due on the 1st of February following. For this privilege the fee (payable $2.50 with each instalment) is 5.00

STUDENTS' SOCIETIES

The University collects, on behalf of the Students' Societies, the following fee from Regular and Limited Undergraduates 15.00

The men's fee is distributed as follows: McGill Union $3.50; McGill Daily $1.50; Student's Executive Council $9.00; Undergraduate Society $1.00.

The women's fee is distributed as follows: Women's Union $3.50; McGill Daily $1.50; Student's Executive Council $9.00; Undergraduate Society $1.00.

Partial students taking less than three full courses pay $5.00 for the McGill Daily and use of the McGill Union, while those taking three or more full courses pay the regular Students' Society fees.

GROUNDS FEE

For the use of outdoor games facilities including tennis courts and rinks. Fee payable by Partial Students who do not pay for full athletic and health service privileges 5.00

HEALTH SERVICE

Fee payable by Partial Students who do not pay for full athletic privileges and health service 7.00

BOARD AND RESIDENCE

DOUGLAS HALL OF RESIDENCE—(for men)

Normal fee for students in Arts, Science and Commerce 635.00
Additional periods beyond regular session, per diem 3.00

WILSON MEMORIAL HALL—(for men)

Normal fee for students in Arts, Science and Commerce 625.00
Additional periods beyond regular session, per diem 3.00

ROYAL VICTORIA COLLEGE—(for women)

Sessional fee 635.00
Additional periods beyond regular session, per diem 3.00

A House Fee of $8.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees.

ROOM DEPOSIT

A room deposit of $10.00 for Douglas Hall and Wilson Hall, and $25.00 for the Royal Victoria College is required before June 1st each year in order to reserve a room for the next session. Application, accompanied by remittance, should be made to the Warden of the residence concerned. The deposit should be deducted when paying fees.

MISCELLANEOUS FEES:

GRADUATION *in absentia* 10.00
DUPLICATE DIPLOMA 10.00
CERTIFIED COPY OF STUDENT'S RECORD 1.00
ADDITIONAL COPIES (at same time), each copy ..... .50
CERTIFICATE OF EXEMPTION FROM MATRICULATION 2.00
LIBRARY FEE—for use of the University Library by graduates of this and other Universities, annually 5.00

PENALTIES:

LATE REGISTRATION—(unless excused by the Dean):

For registration after September 28th, 1950	5.00
For registration after October 7th or 9th, 1950	10.00
LATE MEDICAL EXAMINATION—(imposed by University Medical Officer)	2.00
LATE PAYMENT OF FEES:	
For payment of fees after October 6th, 1950	2.00
For payment of second instalment of fees after February 1st, 1951	2.00

DATES OF PAYMENT:

The University does not issue bills for fees. Each student is required, at the time of registration, to complete a form giving full details of his fees for the session. This form provides a detailed statement to accompany remittances sent in by mail.

Fees are due and payable at the Accounting Office during the hours 9:00 a.m. to 4:00 p.m., Saturday 9:00 a.m. to 12 noon, from Thursday, September 28th, 1950 to Friday, October 6th, 1950 inclusive. If desired, fees may be remitted by mail on or before the due dates.

A late fee of $2.00 is charged for payment after the specified dates.

PAYMENT OF FEES BY INSTALMENTS:

Fees may be paid in two instalments, one at the beginning of the session, and one on February 1st. In such cases the Instalment Fee of $5.00 is charged.

1ST INSTALMENT:

Divide Tuition, Board and Residence, Student's Societies, and Instalment Fees in half. All other fees and deposits are payable in full with first instalment.

2ND INSTALMENT:

Balance of Tuition, Board and Residence, Students' Societies and Instalment Fees.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

As soon as possible after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

REGULATIONS CONCERNING REMISSION OF FEES TO STUDENTS WHO LEAVE THE UNIVERSITY DURING THE COURSE OF THE ACADEMIC YEAR

1. Students withdrawing from the University must cancel their registration at the Registrar's Office.

2. In the case of students who, in spite of the fact that they leave the University before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of fees.

3. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance the fees shall be remitted on the following basis:

   (a) In those Faculties where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

   (b) In those Faculties where the year is divided into three terms, one-third of the fees shall be returned for each term that begins after the departure of the student.

4. No fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

5. Residence fees are payable for the full academic year and shall not be refunded.

6. Students' Activities fees shall not be refunded.

Courses of Lectures in Arts and Science

The following pages show the courses offered in the Faculty arranged according to Departments. These courses are listed by numbers and where a small letter follows a number the term in which the course is given is indicated: e.g., Botany 11a is given in the first term (October to January), Economics 341b in the second term (January to April).

In addition the words "full course," "half course," etc. indicate the course value. The letter L indicates laboratory and S a special course.

Unless otherwise stated, a full course begins in October and ends in April, whereas half courses are given in the term indicated. The number of hours of lectures given each week is shown immediately below the number of the course, and laboratory or conference hours are indicated separately.

An official time table is prepared for the registration periods; any times shown herein are only tentative.

It is the responsibility of each student to make sure at the time of registration that there is no conflict in the time table of the courses which he proposes to follow.

Any course may be cancelled because of insufficient registration.

ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Assistant Professors	D. S. FORSTER
	S. M. FRIEDMAN
Lecturer	E. WALTER WORKMAN
Lecturer	J. GROSS
Teaching Fellow	CATHERINE E. STEVENS

Before registering for the following course, students must consult the Chairman of the Department to ensure that they are qualified to undertake the work.

MICROSCOPIC ANATOMY

1a. HISTOLOGY. (Half course). The course, which corresponds to Anatomy 6 in the medical curriculum, consists of three weekly classes during the first half year. The course begins at the opening of the medical session, in September.

Two lectures and six hours laboratory per week, from approximately September 6th to the end of February.

Text: Bailey, Textbook of Histology.

BACTERIOLOGY AND IMMUNOLOGY

Professors	E. G. D. MURRAY, *Chairman*
Associate Professors	J. W. STEVENSON D. S. FLEMING
Assistant Professors	G. G. KALZ C. D. KELLY
Lecturers	J. DE VRIES ANNE M. MASSON C. R. MCLEAN FRANCES H. PRISSICK
Demonstrator (Teaching Fellow)	J. J. STOCK

In addition to its courses in the Faculty of Medicine, the Department offers the following to students in the Faculty of Arts and Science:

3. BACTERIOLOGY AND IMMUNOLOGY *for Honours B.Sc.* (3 Full Courses)

October 1st to April 18th (approximately): Three lectures per week and three laboratory periods.

The class is limited in size and priority is given to Honours students in their fourth year. Partial students in the Faculty of Arts and Science and in the Faculty of Graduate Studies are admitted only if they have suitable qualifications and if there are vacancies.

77 lectures and 308 hours practical work with 50 hours discussion periods through the year (3 full courses). Students are required to write a review of the literature on a selected topic. Biochemistry 45 (lectures only) is compulsory. One other course is to be selected by the students.

4. ELEMENTARY BACTERIOLOGY (Full Course)

Jan. 10th to April 18th (approximately): Three lectures per week and two laboratory periods.

43 lectures and 81 hours of practical work.

Available also to Graduate Students.

Texts: Zinsser's Textbook of Bacteriology, Ed. by Smith and Martin (Appleton-Century-Crofts Inc. 9th Edition); Toplay and Wilson's Principles of Bacteriology, revised by Wilson and Miles (Edward Arnold Co.); D. H. Bergey, Manual of Determinative Bacteriology (Williams and Wilkins); E. O. Jordan and W. Burrows, Textbook of Bacteriology (W. B. Saunders Co.); Frederick P. Gay, Agents of Disease and Host Resistance (Charles C. Thomas); C. G. Anderson, An Introduction to Bacteriological Chemistry (Macmillan Co. of Canada); Martin Frobisher

Jr., Fundamentals of Bacteriology (W. B. Saunders Co.); N. P. Sherwood, Immunology, (C. V. Mosby Co.); H. Zinsser, J. F. Enders, and L. D. Fothergill, Immunity Principles and Application in Medicine and Public Health (Macmillan Co.); R. J. Dubos, The Bacterial Cell (Harvard University Press); K. Landsteiner, The Specificity of Serological Reactions (Harvard University Press); F. M. Burnett, Virus as Organism (Harvard University Press); R. J. Dubos, Bacterial and Mycotic Infections of Man (Lippincott); T. M. Rivers, Viral and Rickettsial Infections of Man (Lippincott); E. F. Gale, The Chemical Activities of Bacteria (University Tutorial Press, London); J. R. Porter, Bacterial Chemistry and Physiology (John Wiley & Sons); A. J. Salle, Fundamental Principles of Bacteriology (McGraw-Hill).

CURRICULUM FOR B.SC. HONOURS IN BACTERIOLOGY AND IMMUNOLOGY

Prerequisite: An aggregate standing of high second class must be obtained in the subjects submitted for the First Year and good standing maintained in subsequent years.

The Chairman of the Department should be consulted in selecting subjects to be studied in the Second and Third Years.

The following course of study has been found suitable for most students but may be modified to suit individual cases.

First Year: First year B.Sc. preferably including Botany 11a, Zoology 11b.

Second Year: Physiology 22; Botany 11b; Zoology 11a; Chemistry 22 and 24; Genetics 21.

Third Year: Biochemistry; Zoology 22a; Botany 23a or Zoology 24 or Zoology (25, 25b); Bacteriology 4, and one elective course.

Students in Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

BIOCHEMISTRY

Professors	D. L. Thomson, *Chairman*
	J. H. Quastel
Associate Professors	O. F. Denstedt
	R. D. H. Heard
Assistant Professor	K. A. C. Elliott
Sessional Lecturer	Judith Saffran

31. GENERAL PHYSIOLOGICAL CHEMISTRY. (Full course with Laboratory). A general survey of the chemistry of carbohydrates, fats, steroids, and proteins, their transformations in the body, and the composition of the body in health and disease. Two laboratory periods per week, October to February.

2 hours plus laboratory — *Professor Thomson*

Prerequisite: Chemistry 22, Physiology 22.

Texts: Bodansky, Introduction to Physiological Chemistry (Wiley); Cameron, Text-book of Biochemistry (Macmillan); Williams, Text-book of Biochemistry (van Nostrand); Mitchell, Text-book of Biochemistry (McGraw-Hill). The Department issues a synopsis of the laboratory course.

32. ENDOCRINOLOGY. (Half course.) The chemistry and pharmacology of the hormones.

1 hour — *Professor Thomson*

Texts: Cameron, Recent Advances in Endocrinology (Blakiston); Grollman, Essentials of Endocrinology (Lippincott).

NOTE:—The Medical course in Biochemistry consists of courses 31 and 32 and of course 33, three lectures weekly in May on Pathological Chemistry and Nutrition. Dental students may omit course 32. Course 33 carries no credit in Arts and Science and is not normally open to students of that Faculty.

34. SUPPLEMENTARY BIOCHEMISTRY. (Half course.) For Honours students in the Department only. A tutorial course parallel to 31.

1 hour — *Staff*

43. ADVANCED BIOCHEMISTRY. (Full course.) A detailed study of the organic chemistry of carbohydrates, fats, steroids, amino-acids, and proteins.

3 hours — *Professor Denstedt*

Texts: Harrow & Sherwin, Text-book of Biochemistry (Saunders); Hawk, Oser, and Summerson, Practical Physiological Chemistry (Blakiston).

43L. LABORATORY. (One and one half courses.) For Honours students in the Department only.

4 periods — *Dr. Saffran*

Prerequisite: Biochemistry 31, Chemistry 23.

44a. NUTRITION. (Half course.) Human requirements for calories, protein, and other nutrients; the chemical nature, detection, occurrence, and physiological function of the vitamins; the essential minerals.

First term: 3 hours — *Professor Thomson*

Prerequisite: Biochemistry 31.

Text: Sherman, Chemistry of Food and Nutrition (Macmillan).

44b. PROTEIN PHYSICAL CHEMISTRY. (Half course). The physico-chemical properties of solutions of amino-acids and proteins, including conjugated proteins and enzymes; ionic reactions, molecular size and shape, solubility, optical properties, enzyme kinetics.

Second term: 3 hours *Professor Thomson*

Prerequisite: Biochemistry 31, Chemistry 24; Biochemistry 43 should be taken concurrently.

Texts: Schmidt, Chemistry of the Amino Acids and Proteins (Thomas); Cohn and Edsall, Proteins, Amino Acids and Peptides (Reinhold).

45. OXIDATION AND METABOLISM. (Full course). The nature of biological oxidations and reductions and the enzymes concerned therewith, especially from the point of view of transfer of energy; the reactions of intermediary metabolism of organic foodstuffs as studied by isotope and other methods.

2 hours *Professors Thomson and Quastel*

Prerequisite: Biochemistry 31.

Text: Baldwin, Dynamic Aspects of Biochemistry (C.U.P.).

Reference Books: Soskin and Levine, Carbohydrate Metabolism (Univ. of Chicago Press); Green, Currents in Biochemical Research (Interscience Publishers).

HONOURS COURSE IN BIOCHEMISTRY

First Year

First Year B.Sc., Zoology 11 recommended.

Second Year

Physiology 22.
Chemistry 22, 23a, 23b.
Zoology 21.
Mathematics 24 or 23a, or Chemistry 24, or Physics 21.

Third Year

Chemistry 24 (if not already taken).
Biochemistry 31, 34.
Physiology 31 or 32.
Bacteriology 4.

Quota of five courses to be completed from: Chemistry 32, Mathematics 24 or 23a, Physics 30, Genetics 44, Biochemistry 32.

Fourth Year

Biochemistry 32 (if not already taken), 43, 43L, 44a, 44b, 45.
Changes in this programme may be permitted in special cases.

CONTINUATION COURSES

Qualified students may take Biochemistry 31 in Third Year general B.Sc., followed by 43, or 44a and 44b, in the Fourth Year as a Continuation Subject. If Biochemistry is to be taken as a Continuation Subject in the third year, Chemistry 22 and Physiology 22 must be taken in the second year.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

BOTANY

Professors	MURIEL V. ROSCOE, *Chairman* NICHOLAS POLUNIN
Associate Professors	R. D. GIBBS S. M. PADY
Assistant Professor	E. R. WAYGOOD

11a. GENERAL BOTANY. The Seed Plant. (Half course). The structure, functioning, and reproduction of higher plants, with an introduction to the major families of flowering plants and their economic significance.

First term: 2 hours lecture and 3 hours laboratory

Professors Gibbs and Pady

11b. GENERAL BOTANY. A Survey of the Plant Kingdom. (Half course). A study of representatives of the main plant groups on an evolutionary basis.

Second term: 2 hours lecture and 3 hours laboratory

Professors Gibbs and Pady

21. TAXONOMY OF THE HIGHER PLANTS. (Full course). A practical introduction to the morphology and classification of the seed plants, giving special attention to the identification and significance of Canadian species.

2 hours lecture and 3 hours laboratory *Professor Polunin*

Prerequisite: Botany 11a or 11b.

22b. PLANT ANATOMY. (Half course). A detailed study of the organization of vascular plants; internal structure viewed in relation to function and evolution.

Second term: 2 hours lecture and 3 hours laboratory *Professor Roscoe*

Prerequisite: Botany 11a.

23a. MYCOLOGY. (Half course). The morphology and classification of the fungi, with particular reference to their life cycles and economic importance.

First term: 2 hours lectures and 3 hours laboratory *Professor Pady*

Prerequisite: Botany 11b.

31. PLANT PHYSIOLOGY. (Full course). A general introduction to the study of the physiological functioning and reactions of plants. Topics such as water relations, photosynthesis, mineral nutrition, respiration, growth, and metabolism are discussed in detail.

2 hours lectures and 3 hours laboratory *Professor Waygood*

Prerequisite: Botany 11a and Chemistry 22.

32. MORPHOLOGY AND TAXONOMY OF THE LOWER PLANTS. (Full course). Life histories, structure, and relationships of the Algae, Fungi, Lichens, Mosses and Liverworts, Ferns, and other non-flowering plants.

2 hours lectures and 3 hours laboratory *Professor Gibbs*

Prerequisite: Botany 11b.

*33. PLANT BIOCHEMISTRY. (Full course). Chemistry, occurrence, and roles of organic materials found in plants, and methods for their detection and estimation. Some reference is made to economic uses of plants.

2 hours lectures and 3 hours laboratory (6 hours laboratory for graduate and honours students) *Professor Gibbs*

Prerequisite: Botany 11a or 11b, Chemistry 22.

*41. MICROTECHNIQUE. (Full course). Methods of preparing plant material for microscopical study, with practical experience in fixing, embedding (both paraffin and celloidin), cutting, and staining.

1 hour lecture and 6 hours laboratory *Professor Roscoe*

Prerequisite: Botany 22b.

*42. SPECIAL TOPICS. (Full course or half course). Prescribed reading, conference, and practical work in selected subjects such as Ecology, Phytogeography, Mycology, Physiology, Taxonomy of Special Groups, Anatomy, and Biochemistry.

The Staff

*43a. PLANT ECOLOGY. (Half course.) Environmental, successional, and plant-sociological studies of a practical nature leading to an interpretation of plant habitats and communities and an understanding of vegetation

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*Courses for Advanced and Graduate students.

in its various forms and aspects. Reference will be made to the value of ecological studies in conservation, forestal, and agricultural practices. 2 hours lectures and 2-5 hours field, conference, or laboratory work.

Professor Polunin

Prerequisites: Botany 11b and Botany 21 (or at least 11a).

(*This may be extended to a full course for those who have satisfied the higher prerequisite and taken sufficient additional courses.*)

HONOURS COURSE IN BOTANY

NOTE:—The Honours Course in Botany prepares students for graduate work in the departments of Genetics and Plant Pathology as well as Botany. Allowing as it does for considerable study of other biological subjects, it forms also a suitable preparation for the teaching of Biology in schools.

A full course in Zoology is required for Honours in Botany. This should be taken, preferably, in the early years of the course.

First Year: Students must take a full course in Botany (Botany 11a and 11b) or a half course in Botany and a half course in Zoology as their elective in the B.Sc. program.

Second Year: The general second year requirements are satisfactory as long as Chemistry 22 and a course in Botany are included. If Botany 11 has been completed in the first year, Botany 21 or 22b and 23a should be taken. The Arts subject is optional.

Third Year: Botany 21, 22b, 23a, and 31 must be included if not already taken. Additional courses are to be selected from cognate fields with the advice of the Department.

Fourth Year: Three of the remaining Botany courses are required, together with two other courses selected with the approval of the Department.

CONTINUATION COURSES IN BOTANY

Second Year: Botany 11, or 21, or 22b and 23a.

Third Year: Botany 21 to 43a.

Fourth Year: Botany 21 to 43a.

A student who has not completed Botany 11 must obtain permission from the Department of Botany before proceeding to more advanced courses in Botany.

GENERAL HONOURS IN BIOLOGICAL SCIENCES

Students who desire a planned course of study of plants and animals should consult the program drawn up for "General Honours in Biological Sciences".

CHEMISTRY

Professors	Otto Maass, *Chairman*
	W. H. Hatcher
	C. B. Purves
	C. A. Winkler
Associate Professors	J. H. Mennie
	R. V. V. Nicholls
	Alfreds Taurins
Assistant Professors	R. K. Holcomb
	A. S. Ross
Lecturer	R. E. Robertson
Honorary Lecturers	W. B. Campbell
	S. G. Mason
	J. H. Ross
	A. H. Vroom

11. GENERAL CHEMISTRY. (Full Course). (Fac. Eng. 902.) General survey of chemical theory and of inorganic chemistry, including atomic and kinetic theories, equivalent, atomic and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periods table, preparation and properties of important elements and compounds.

2 hours, one tutorial and 3 hours laboratory.

Professors Hatcher and Holcomb

Prerequisites: Physics 11 and Mathematics 11a, 12b (or their equivalents) unless taken concurrently.

References: Brinkley, Introductory General Chemistry (Macmillan); Briscoe, General Chemistry for Colleges, 4th ed. (Houghton-Mifflin); Hatcher, Introduction to Chemical Science, (Wiley); Jones, Inorganic Chemistry, (Blakiston); Pauling, General Chemistry (Freeman); Richardson Scarlett, General College Chemistry, (Holt); Schlesinger, General Chemistry, (Longman); Timm, General Chemistry, (McGraw Hill).

Laboratory: *Professor Holcomb and Demonstrators*

Preparation and properties of certain non-metals and compounds; experiments illustrative of important theories: quantitative experiments (including volumetric analysis); introduction to qualitative analysis.

22. ORGANIC CHEMISTRY (ELEMENTARY). (Fac. Eng. 948.) (Full course). Special characteristics of carbon and its compounds; the principles of

functionality, homology, and isomerism; nomenclature, occurrence, preparation, physical and chemical properties, and uses of the more important organic compounds.

2 hours, one tutorial, and 3 hours laboratory.

Professor Hatcher and Demonstrators

Prerequisite: Chemistry 11 and Physics 11 or their equivalents.

Texts: Lowy and Harrow, Organic Chemistry (Wiley) 6th edition; Nicholls, An Introduction to Practical Organic Chemistry (Pitman).

23a. ANALYTICAL CHEMISTRY (ELEMENTARY). (Fac. Eng. 942.): QUALITATIVE ANALYSIS. (Half course). Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect; formation and dissolution of precipitates; complex ions; emphoteric electrolytes; hydrolysis, etc.

Laboratory: Systematic separation and identification of the common ions.

Half session: 2 hours and 6 hours laboratory.

Professors Mennie and Holcomb and Demonstrators

Prerequisites: Chemistry 11.

Text: Curtman, Qualitative Chemical Analysis (Macmillan).

23b. ANALYTICAL CHEMISTRY (ELEMENTARY). (Fac. Eng. 944): QUANTITATIVE ANALYSIS. (Full Course). Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods.

Laboratory: Simple gravimetric determinations; typical volumetric procedures, neutralization, precipitation and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

Half session: 2 hours and 9 hours laboratory.

Professors Mennie and Holcomb and Demonstrators

Prerequisite: Chemistry 11.

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

24. PHYSICAL CHEMISTRY (ELEMENTARY). (Full course). Fundamental physico-chemical topics including states of matter, equilibria, electrochemical phenomena, chemical kinetics, thermo-dynamics.

2 hours, one tutorial. *Professor Maass and Mr. Robertson*

Prerequisites: Chemistry 11, Physics 11.

Text: Maass and Steacie, Introduction to the Principles of Physical Chemistry, second edition (Wiley).

24p. PHYSICAL CHEMISTRY PROBLEMS. (Half course). Problems to illustrate physico-chemical principles and provide practice in handling experimental data and dimensional units.

1 hour *Professor A. S. Ross, Mr. Robertson, and Demonstrators*

31a. ATOMIC STRUCTURE AND VALENCE THEORIES. (Half course).

First term: 3 hours *Professor Mennie*

Prerequisite: Chemistry 11, Physics 11, Mathematics 24 or 25.

31b. INORGANIC CHEMISTRY. (Half course). Descriptive inorganic chemistry based on the Periodic Table.

Second term: 3 hours *Professor Mennie*

Prerequisite: Chemistry 31a.

32. ORGANIC CHEMISTRY (ADVANCED). (Fac. Eng. 962). (Full course).

2 hours *Professor Nicholls*

32L. LABORATORY. (Half course). Electronic character, methods of synthesis, physical, chemical, and physiological properties of principal bonds and functional groups in organic compounds; reaction mechanisms, interaction of functional groups, industrial applications of organic compounds.

6 hours *Professor Nicholls and Demonstrators*

Prequisite: Chemistry 22.

Laboratory Text: Fieser, Experiments in Organic Chemistry (Heath).

33a. QUANTITATIVE ANALYSIS. For Honours Chemistry students only. (Full course). Oxidation-reduction reactions; electrolytic analysis; buffer action and application in systematic analysis.

Laboratory: Volumetric and gravimetric procedures and systematic analysis of limestone and brass.

First term: 1 hour lecture, 12 hours laboratory.

Professor Mennie and Demonstrators

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

34. KINETIC THEORY. (Fac. Eng. 972). (Half course). Kinetic theory of gases; fundamental mathematical relations for molecular velocity, collision frequency, viscosity, thermal conductivity, diffusion, etc.; imperfect gases.

1 hour *Professor Winkler*

Prerequisites: Chemistry 24, Mathematics 24 or 25.

Text: Loeb, Kinetic Theory of Gases (McGraw-Hill).

34L. ELEMENTARY PHYSICAL CHEMISTRY LABORATORY. (Half course.) Simple physio-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, and solutions.

3 hours laboratory. *Professor A. S. Ross and Demonstrators*

Text: Daniels, Mathews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

35. THERMODYNAMICS. (Full course). (Fac. Eng. 964.) First and second laws, entropy, free energy, fugacity and activity, partial molal quantities, Debye-Huckel theory.

2 hours *Professor Winkler*

Prerequisites: Chemistry 24 and Mathematics 24 and 25.

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

40. CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS. (Fac. Eng. 966). (Half course). Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining structures of polymers; properties of commercially available materials; methods of fabrication.

1 hour *Professor Nicholls*

Prerequisites: Chemistry 22 and 32 (the latter course may be taken concurrently).

42. STEREOCHEMISTRY. (Full course). Optical and geometrical isomerism with examples from carbohydrate, fat, and protein chemistry; spatial factors affecting reactivity of organic compounds.

2 hours *Professor Nicholls*

Prerequisite: Chemistry 32.

42L. ORGANIC CHEMISTRY LABORATORY. For Honours Chemistry students only. (Half course). Practical organic chemistry, including synthetic, purification and analytical procedures.

First term: 9 hours laboratory. *Professor Nicholls and Demonstrators*

43b. ANALYTICAL CHEMISTRY. For Honours Chemistry students only. (Half course). Special methods of quantitative analysis; colorimetric analysis; colorimetric and potentiometric pH measurement; potentiometric and conductometric titrations; polarography; methods involving organic reagents and complex formation; etc.

Second term: 1 hour and 6 hours laboratory

Professor Mennie and Demonstrators

Texts: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan); Kolthoff and Laitinen, pH and Electro-titrations (Wiley).

44. PHYSICAL CHEMISTRY (ADVANCED) (Fac. Eng. 982). (Half course). Chemical kinetics; rates of homogenous and heterogeneous reactions; activation energy; theories of reaction mechanisms; Phase Rule.

First term: 2 hours

Second term: 1 hour *Professors Winkler and A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Taylor, Treatise on Physical Chemistry (Van Nostrand); Glasstone, Text-book of Physical Chemistry (Van Nostrand).

44L. ADVANCED PHYSICAL CHEMISTRY LABORATORY. (Full course.) More advanced physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, solutions, and colloids.

6 hours laboratory. *Professor A. S. Ross and Demonstrators*

Prerequisites: Chemistry 34, 35, 34L.

Text: Daniels, Matthews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

45. THERMODYNAMICS (ADVANCED). For Honours Chemistry students only. (Full course).

2 hours *Professor Winkler*

Prerequisite: Chemistry 35.

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill); Wenner, Thermochemical Calculations (McGraw-Hill).

46. COLLOID CHEMISTRY. (Fac Eng. 986). (Half course). Descriptive thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.

1 hour *Professor A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Hartman, Colloid Chemistry (Houghton-Miffin); Weiser, Colloid Chemistry (Wiley); Adam, Physics and Chemistry of Surfaces (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton).

47a. ELECTROCHEMISTRY. (Fac. Eng. 988). (Half course). Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polorization phenomena, etc.

First term: 2 hours *Professor A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Glasstone, Introduction to Electrochemistry (Van Nostrand); Creighton, Electrochemistry (Wiley).

60. THE CHEMISTRY OF DAILY LIFE. (Full course). For students in Arts, the School for Graduate Nurses, and others who wish to gain an insight into the importance of chemistry. No previous knowledge of the subject is required. Demonstrations take the place of formal laboratory operations. Major branches of chemistry discussed are Inorganic, Organic, and Food.

2 hours *Professor Hatcher*

Text: Hatcher, An Introduction to Chemical Science, 2nd edition (Wiley).

70. SCIENCE IN ECONOMIC LIFE III. For B.Com. students. (Full course). Detailed discussion of important chemical industries, their bearing upon the utilization of natural resources, and their importance both nationally and internationally.

2 hours *Professor Hatcher*

Text: Selected readings and essays.

72a. ORGANIC CHEMISTRY (ELEMENTARY). (Half course). A course in elementary organic chemistry especially designed for degree students in Nursing and Physical Education.

First term: 3 hours and 3 hours laboratory.

Professor Nicholls and Demonstrators

Prerequisites: Chemistry 11 and Physics 11, or equivalents.

B.Sc. HONOURS COURSE IN CHEMISTRY

This course begins in the Second Year. First Year students intending to take Honours in Chemistry should consult the Department before the end of the session.

Prerequisites: At least good second class standing in Chemistry 11, Mathematics 11a, 12b and Physics 11 or their equivalents. It is desirable that students should have taken a course in German in the first year.

Second year: Chemistry 22, 23a, 23b, 24, 24P; Mathematics 24 or 25; Physics 22.

Third Year: Chemistry 31a, 31b, 32, 32L, 33a, 34, 34L, 35; Mathematics 37; Physics 23.

Fourth Year: Chemistry 42, 42L, 43b, 44, 44L, 45, 46, 47; Mathematics 47.

NOTE:—Students anticipating specialization in Chemistry are recommended to include Intermediate Mathematics in their Junior Matriculation subjects. If they enter by Senior Matriculation they should include Co-ordinate Geometry in this examination.

GENERAL COURSE STUDENTS

B.Sc.—Chemistry courses may be taken in the following years providing necessary prerequisites have been passed: *Second and Third years*, Chemistry 22 or 24; *Third year*, Chemistry 24 or 22; *Fourth year only*, Chemistry 23a, 23b, or 32 or other courses by special permission of the Department.

B.A. students normally are admitted to Chemistry 11 only in their second year *after* passing Physics 11 in their first year and if they plan to take a Chemistry course in a later year. Otherwise they should take Chemistry 60.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

CLASSICS

Professor	CLIVE H. CARRUTHERS, *Chairman*
Professor (post-retirement)	W. D. WOODHEAD
Associate Professors	E. M. COUNSELL
	PAUL F. MCCULLAGH
Assistant Professor	COLIN D. GORDON
Sessional Lecturer	G. A. R. VALLILLEE

GREEK

All students taking Honours in Greek are expected to provide themselves with a grammar, a Greek-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended: Goodwin, Greek Grammar (Ginn & Co.); Liddell and Scott, Greek Lexicon (abridged or intermediate); Atlas of Ancient and Classical Geography; and Smith, Smaller Classical Dictionary (Everyman Series, Dent).

1. BEGINNERS' GREEK. First year. See requirements on page 1017. (Full course).

   3 hours. *Professor McCullagh*

   Texts: Crosby and Schaeffer, Introduction to Greek (Allyn & Bacon).

2. GREEK. First and Second years. (Full course). Greek 21, 22, and 31 may be taken by qualified students in the General Course. For further information consult the Chairman of the Department.

   3 hours. *Professor Carruthers*

   Text: Colson Greek Reader: Lectures on Greek Literature.

HONOURS COURSES IN GREEK

21. GREEK. Second year. (Full course).

    3 hours.

    Texts: Plato, Selections; Euripides, a play.

22. GREEK. Second year. (Full course.)
3 hours. *Professor Counsell*
Texts: Homer, Iliad (Selections); Herodotus (Selections).

31. GREEK. Third year. (Full course.)
3 hours.
Texts: Homer, Odyssey (Selections); Aristophanes, Clouds.

32. GREEK. Third year. (Full Course).
3 hours.
Texts: Sophocles, Oedipus Rex; Thucydides, Book 7; Sight Translation.

41. GREEK. Fourth year. (Full Course).
3 hours.
Texts: Aristophanes, Birds; Oxford Book of Greek Verse.

42. GREEK. Fourth year. (Full course).
3 hours. *Professor McCullagh*
Texts: Plato, Republic (Selections); Aristotle, Ethics (Selections); Sight Translation.

LATIN

All students taking Honours in Latin are expected to provide themselves with a grammar, a Latin-English dictionary, and an atlas of ancient geography. The following are recommended: Allen and Greenough, New Latin Grammar (Ginn & Co.); Lewis, School Dictionary, or Cassell's Latin Dictionary; Atlas of Ancient and Classical Geography; and Smith, Smaller Classical Dictionary (Everyman's Series, Dent).

1. BEGINNERS' LATIN. First year. (Full Course). This course is designed to satisfy the First Year requirements for the B.A. degree for students who have been admitted on some other basis than that of passing the Latin of the McGill School Certificate or the Quebec High School Leaving Examination.

See requirements on page 1017.

3 hours. *Professor Counsell*
Text: Hettich and Maitland, Latin Fundamentals (Prentice-Hall).

2. INTERMEDIATE LATIN. (Full course). For those students only who have completed Latin 1 or its equivalent.
3 hours. *Professor Gordon*
Text: Hettich and Maitland, Latin Fundamentals (Prentice-Hall); J. M. Milne, First Latin Reader (G. G. Harrap).

11. LATIN. First year. (Full course).
3 hours.

Texts: Petrie, Latin Reader; Bonney and Niddrie, Latin Prose Composition (Ginn).

12. LATIN. First year (for more advanced students). (Full course).
3 hours.

Texts: Petrie, Latin Reader; Tracy and Law, Latin Prose Composition (Clarke, Irwin).

Second year, Third year, and Fourth year students in the General Course may, with the consent of the Department, take the Honours courses listed below.

HONOURS COURSES IN LATIN

21. LATIN. Second year. (Full course).
3 hours. *Mr. Vallillee*

Texts: Vergil, Aeneid VI (Sidgwick, C.U.P.); Cicero, De Senectute (Reid, C.U.P.).

22. LATIN. Second year. (Full Course).
3 hours. *Professor Counsell*

Texts: Westcott, Selections from Pliny's Letters (Allyn and Bacon); Horace, Odes (Selections).

31. LATIN. Third year. (Full course).
3 hours. *Professor McCullagh*

Texts: Cicero, Selected Letters; Ovid, Metamorphoses (Chase and Stuart, Noble & Noble).

32. LATIN. Third year. (Full course).
3 hours.

Texts: Virgil, Bucolics (Sidwick), Georgics IV (Sidwick); Juvenal, Selections (Duff, Cambridge University Press).

41. LATIN. Fourth year. (Full course).
3 hours. *Professor Carruthers*

Texts: Livy, 21 and 22; Tacitus; Sight translation.

42. LATIN. Fourth year. (Full course).
3 hours. *Professor Carruthers*

Texts: Lucretius, Selections (Sinker, Macmillan); Horace, Satires and Epistles (Rolfe, Allyn and Bacon).

COGNATE COURSES

ANCIENT HISTORY 11.—PRIMITIVE ORIENTAL, GREEK, AND ROMAN HISTORY. (Full Course). A general course available both to first year students and to those in the upper years.

3 hours. *Professor Gordon*

ANCIENT HISTORY 21.—GREEK HISTORY. (Full course). The origin, development, achievements, and decay of the Greek city-state society, from the time of Homer to Alexander the Great. Particular attention will be paid to Greek life and culture and to Greek contributions to modern civilization.

3 hours. *Professor Gordon*

ANCIENT HISTORY 22.—ROMAN HISTORY. (Full course). The political and social development of the Roman state from its origins to the time of Augustus, with particular attention to the collapse of the Republic and the founding of the Principate.

Ancient History 11, though not a prerequisite, is desirable for students taking this course.

3 hours. *Professor Gordon*

(*Not given in 1950-51.*)

CLASSICS 20.—CLASSICS IN TRANSLATION. (Full course). A course for Second, Third, and Fourth Year students, especially students interested in literature. Readings of the greater works of Greek and Roman literature in translation, with interpretative lectures and discussions.

3 hours. *Professor Woodhead*

CLASSICS 31.—COMPARATIVE GRAMMAR. For Third Year Honours students. (Half course).

2 hours. *Professor Carruthers*

LINGUISTICS 21.—INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second and Third year students. (Full course). An elementary survey of human speech, its nature, origin, structure, and classification; principles of linguistic change; writing and the alphabet; universal and auxiliary languages.

3 hours. *Professor Carruthers*

GRADUATE COURSES IN CLASSICS

See the Announcement of the Faculty of Graduate Study and Research.

ECONOMICS AND POLITICAL SCIENCE

Professors	B. S. KEIRSTEAD, *Chairman*
	E. F. BEACH
	B. H. HIGGINS
	F. C. JAMES
	D. B. MARSH
	F. M. WATKINS
Visiting Professor	J. M. NOVOTNY
Associate Professors	J. T. CULLITON
	J. R. MALLORY
	H. D. WOODS
Assistant Professors	R. F. VINEBERG
Lecturers	J. H. DALES
	DAVID SCHWARTZMAN
	J. C. WELDON
Sessional Lecturers	D. C. CORBETT
	H. M. MACQUARRIE
	G. V. SAINSBURY

ECONOMICS COURSES

100. ECONOMIC HISTORY. First year. (Full course). Evolution of economic institutions; the Ancient Empires; economic and social aspects of the decline and fall of the Roman Empire; mediaeval agrarian economy; fairs, towns, and trading companies; mediaeval money; the Voyages of Discovery; religion and the rise of capitalism; Nationalism and Mercantilism; the Colonial System; the beginnings of modern banking; the great inventions and the factory system; North American industrial development; trade unions and the co-operative movement; legislative protection of the worker; international finance; rise and fall of the gold standard; evolution of the central banking function; recent economic changes.

3 hours. *Professor James*

211H. INTRODUCTION TO ECONOMIC THEORY. Second year. (Full course). An introduction to economic analysis covering general price theory, the theory of the firm, theory of production and distribution, and general equilibrium theory.

3 hours *Professor Keirstead*

This course is prerequisite to all Honours courses in Economics.

211G. ELEMENTS OF POLITICAL ECONOMY. Second year. (Full course). Production, distribution, and exchange of goods; money and banking; price; international trade and foreign exchange; labour and trade unions; related topics.

3 hours

Professor Culliton

This course is prerequisite to all courses in Economics except 100.

211C. PRINCIPLES OF ECONOMICS. Second Year. (Full course). An introduction to the general principles of economics, dealing mostly with production and exchange; but some consideration is given to distribution. Specific types treated are: the factors of production, specialization, competition, risk, the monetary system, banking, price levels, supply and demand analysis, international trade, wages, interest, rent, and profits.

3 hours

Professor Beach

This course is prerequisite to all courses in Economics except Economics 100.

300. ECONOMIC HISTORY OF MODERN BRITAIN. (Full course). This course consists of the period from late mediæval times to the present and an intensive study of the influence on British history of the introduction of new techniques in agriculture, transportation, industry, and finance; population movements and the economic development of overseas areas.

3 hours

Mr. Dales

Prerequisites: Economics 211 and either Economics 100 or History 1.

311. HISTORY OF ECONOMIC THOUGHT. Third or Fourth year. (Full course). A critical study of the writings of the great economists, with particular reference to the period from Adam Smith to the present day.

3 hours

Professor Marsh

For Honours students only.

321. MONEY AND BANKING. Third year. (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations.

3 hours

331. ECONOMIC POLICY. Third and Fourth year. (Full course). A study of the economic policy of governments, with particular regard to corporations and forms of business enterprise, regulation of markets and

competition, monopoly problems, public utilities, and governmental enterprises, fiscal policy, the maintenance of full employment, and the prevention of inflation.

3 hours.

341a. LABOUR ECONOMICS. Third year. (Half course). The origin of labour problems in modern industrial organization; their interpretation by economic theory; the theory of wages and employment.

First term: 3 hours. *Mr. Weldon*

(*Not given 1950-1951.*)

341b. LABOUR INSTITUTIONS. Third year. (Half course). The course is designed to supplement the course in labour problems but may be taken separately. It deals with trade unions, co-operative societies, credit unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours. *Mr. Weldon*

(*Not given 1950-1951.*)

351. CANADA: GEOGRAPHIC, INDUSTRIAL, AND ECONOMIC PROBLEMS. Third year. (Full course). This course consists of discussions on current economic and political problems in Canada with special emphasis on their origins, causes, and possible solutions, e.g., the wheat problem, the coal problem, etc.

3 hours. *Professor Culliton*

361. ECONOMIC STATISTICS. Third year. (May be taken as half course (361a) in first term.) (Full course). A study of the gathering, analysis, and presentation of statistical data. Specific types include: sources, tabulation, charting averages, dispersion, frequency distribution, reliability, correlation, index numbers, trends, seasonals, and cyclical fluctuations.

3 hours. *Mr. Schwartzman*

Economics 211, Mathematics 11a, 12b are *prerequisites* to this course; Mathematics 23a is very helpful.

400. THE ECONOMIC HISTORY OF NORTH AMERICA. (Full course).

3 hours. *Mr. Dales*

411. ADVANCED ECONOMIC THEORY. Fourth year. (Full course). An attempt to formulate the theoretic problems on the frontiers of the science and to study attacks on these problems in the recent literature.

For Honours students only.

3 hours. *Professor Keirstead*

Prerequisite: Economics 211H, 311.

412. ECONOMIC ANALYSIS. Third or Fourth year. (Full course). A systematic study of the techniques and principal results of theoretical analysis, including the theory of prices, wages, interest rates; the theory of accounts; the marginal analysis of individual firm, industry, and household; the theory of capital.

3 hours. *Professor Beach*

421 PUBLIC FINANCE. Third or Fourth year. Noetical introduction Outline of the history of the science. The subject of public finance. Economic function of the state. Material and formal order in public finance. State expenditures: definition, evolution, principles, effects, system and classification, the several kinds of expenditure considered. State revenues: definition, evolution, principles, effects, system and classification, the several kinds of revenue considered. Extraordinary expenditures and revenues (war finance). State property and state debts.

3 hours. *Professor Novotny*

422a. ECONOMIC FLUCTUATIONS. Third or Fourth year. Analysis of the nature and causes of fluctuations in income, employment, prices, production, etc. The three types of cycle: Kitchin, Juglar, and Kondratieff; secular stagnation, the concept of national income; major components; fundamental savings-investment and monetary flow equations; the multiplier; the relation; interactions of multiplier and relation; the Schumpeter model; the Kalecki-Kaldor model; the Hayek model; the Keynesian system; Hansen and the doctrine of economic maturity.

For Honours students only.

First term: 3 hours. *Professor Higgins*

422b. FISCAL POLICY. Third or Fourth year. (Half course). This course is concerned with actual and proposed economic policies for the maintenance of full employment without inflation. Nature of the employment problem; policy implications of various explanations of economic fluctuations; policy implications of "long wave" and "stagnation" theories; policies to stimulate private investment; policies to increase consumer spending; public investment policy; monetary vs. fiscal policy; tax reduction vs. increased expenditures; foreign trade policy and employment; debt management.

Four Honours students only.

Second term: 3 hours. *Professor Higgins*

Prerequisite: Economics 421 or 422a.

424a. INTERNATIONAL TRADE AND TRADE POLICY. Fourth year. (Half course). A study of the economic problems which result from the existence of sovereign states: foreign exchanges, tariffs, commercial policy, state trading, international economic agreements.

First term: 3 hours *Professor Marsh*

Prerequisite: Economics 211, 321.

425a. CORPORATION FINANCE. Fourth year. (Half course). Nature and characteristics of the Corporation. The government and corporations. Incorporate relations—the holding company. The Capital Market—finance and corporate finance—the investment trust. The Stock Exchange. Capitalization—par value and no par value stock—preferred shares—apportionment of earnings. Capital and voting power amongst different classes of investors—redemption. Corporate borrowing—Trust Deed and Bond issues—sinking fund—equipment obligations. Corporate reorganization. The sale of securities—investment banking—regulation of securities sales in England, U.S., and Canada—the securities and Exchange Commissions.

First term: 3 hours. *Professor Vineberg*

Prerequisite: Economics 211.

431. INTERNATIONAL COMMODITY CONTROLS. Fourth year. (Full course). This course includes, as well as international commodity controls, the wider question of monopolies, cartels, patents, and monopoly legislation. It is conducted along seminar lines.

3 hours *Professor Culliton*

(*Not given 1950-51.*)

432b. TRANSPORTATION. Fourth year. (Half course). History and development of the Canadian transportation system; economic characteristics of the various transportation media; comparative analysis of cost and rate structures; problems of regulation and control.

Second term: 3 hours. *Professor Culliton*

433a. THE ECONOMICS OF AIR TRANSPORT. (Half course). A specialized seminar course for selected students.

(*Not given 1950-51.*)

441. INDUSTRIAL RELATIONS. Third and Fourth year. (Full course). An introduction to the problems of employer-employee relations, including the management of personnel, legislation, employee organizations, and the State function and public interest in industrial relations. Plant visits and reports are an integral part of the course.

3 hours *Professor Woods*

442. COLLECTIVE BARGAINING. Fourth year. (Full course). A seminar course involving an intensive study of collective bargaining institutions and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers associations, collective agreements, negotiations, the content of such agreements, conciliation, and arbitration. Experience in other industrial countries is also examined.

3 hours *Professor Woods*

Students are admitted only by permission of the instructor.

461a. ECONOMETRICS I. (Half course.)

This course will be somewhat more elementary than Economics 461b.

First term: 3 hours. *Mr. Weldon*

Prerequisites: Elementary Economics, elementary Statistics, and elementary Calculus.

461b. ECONOMETRICS II. (Half course). Econometrics may be defined as a treatment of economic theory in terms of mathematics, and a testing of this theory with statistical evidence. The following concepts are discussed: demand, revenue, production, cost, and supply functions; price analysis; models of economic systems.

Second term: 3 hours. *Professor Beach and Mr. Weldon*

Prerequisite: Economics 461a.

POLITICAL SCIENCE COURSES

211g. COMPARATIVE GOVERNMENT: CONSTITUTIONALISM. Second and Third year. (Full course.) The analyses of certain basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practiced in certain modern states.

3 hours. *Mr. MacQuarrie*

This course is normally expected as a prerequisite for further courses in the field.

211h. COMPARATIVE GOVERNMENT. Second year. (Full course.)

For Honours students.

3 hours. *Professor Watkins*

311. HISTORY OF POLITICAL THEORY. Third year. (Full course). A survey of the development of Western political thought from ancient Greece down to the present.

3 hours *Professor Watkins*

321b. POLITICAL THOUGHT AND INSTITUTIONS OF CHINA AND JAPAN. Third or Fourth year. (Half course). A study of the traditional political

systems of China and Japan, and of the problems resulting from various attempts to adapt those systems to the requirements of Western civilization.

Second term: 3 hours. *Professor Watkins*

Restricted to Third and Fourth year students. No prerequisite.

(*Not given 1950-51.*)

322a. GOVERNMENT OF GREAT BRITAIN. Third or Fourth year. (Half course). A study of the institutions and working of parliamentary government in Great Britain.

First term: 3 hours. *Mr. Corbett*

Prerequisite: Political Science 211.

323b. GOVERNMENT OF THE BRITISH DOMINIONS. Third or Fourth years. (Half course). Institutions and working of parliamentary governments in the British Dominions.

Second term: 3 hours. *Professor Mallory*

Prerequisite: Political Science 211.

(*Not given 1950-51.*)

324b. GOVERNMENT OF THE BRITISH COLONIAL EMPIRE. Third or Fourth years. (Half course). A study of the nature of imperial control, degrees of local self-government, colonial economic development, and development of political institutions.

Second term: 3 hours. *Professor Mallory*

Prerequisite: Political Science 211.

325b. THE GOVERNMENT OF THE UNITED STATES. Third or Fourth year. (Half course.) A study of the Constitution—the political institutions, and the working of Congressional Government in the United States.

Second term: 3 hours.

331b. THEORY AND PRACTICE OF NATIONALISM. Third or Fourth year. (Half course). A study of the conditions which led to the development of modern nationalism, and of the political techniques most commonly employed for the creation and maintenance of national sentiments.

Second term: 3 hours. *Professor Watkins*

Prerequisite: History 1 or Political Science 311, preferably both.

342. THE JUDICIAL PROCESS. Third and Fourth year. (Full course). A comparative study of the rôle of law in the government of a constitutional state, with attention to developments in common and civil law systems.

3 hours.

(*Not given 1950-51.*)

344L. INTERNATIONAL POLITICS. Third and Fourth year. (Full course.) A study of International Organisations, their workings, and the relations between states.

3 hours.

Mr. Sainsbury

351. GOVERNMENT OF CANADA. Third or Fourth year. (Full course). The working of parliamentary federations in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours.

Professor Mallory

Prerequisite: Political Science 211.

355a. POLITICAL PARTIES. Third or Fourth year. (Half course). A comparative study of the organization, rôle and functioning of political parties and the party system in constitutional states.

3 hours.

Professor Mallory

441. THE ADMINISTRATIVE PROCESS. Third and Fourth years. (Full course.) An introduction to the theory and practice of public administration with examples drawn principally from Canada, the United States, and Great Britain.

3 hours.

Mr. Corbett

Prerequisite: Political Science 351.

Note:—Philosophy 6, Constitutional Law and Jurisprudence may be offered, by permission of the Department, as a course in Political Science.

Either History 1 or Economics 100 is prerequisite to all third and Fourth year courses in Political Science.

CONTINUATION COURSES

Economics and Political Science are regarded as separate disciplines for continuation purposes.

HONOURS COURSES

Students taking full honours in Economics and Political Science take, in their Second Year, courses Economics 211H and Political Science 211, together with three other courses approved by the department. In their Third Year they must take Economics 311 and Political Science 311, with one additional approved course in the department and another approved course outside. In their Fourth Year they must take three approved courses in the department and one approved course outside. Courses in the Third and Fourth Years will normally include a regular sequence, and should lead to some specialization in Economic Theory, Economic History, Finance, Labour, Econometrics, Political Theory, Comparative Government, or Public Administration.

Honours students must consult their departmental advisers about the proper planning of their course.

Students taking the full Honours in Economics and Mathematics are required to take two approved full courses in Economics in their Second and every subsequent year, together with the courses in Mathematics or other subject as specified in the announcement of the Department of Mathematics (see page 1102).

Students taking half Honours in Economics or half Honours in Political Science (see page 1022) shall take Economics 211 and Political Science 211 and four full courses, or their equivalent, approved by the Department.

Geography 41a (Economic Geography) is acceptable as an Honours course in Economics in conjunction with either Economics 424b or Economics 432b.

Students in the Department of Economics and Political Science are expected to spend a considerable proportion of their time in the preparation of class reports, essays, etc., in addition to attending the lectures and doing ordinary reading.

Honours students in Economics or Political Science in the School of Commerce should consult the School of Commerce Announcement.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

EDUCATION

Professor	JOHN HUGHES, *Chairman*
Associate Professor	A. B. CURRIE
Sessional Lecturers	D. MARCHANT HERBERT
	H. D. LEAD
	RUTH LOW
	CHARLES RITTENHOUSE
	ANNE SAVAGE
	J. H. TAYLOR
	CECIL TEAKLE

NOTE:—There may be certain changes in the courses given for session 1950-51.

DEGREE COURSES

1. GENERAL PRINCIPLES OF EDUCATION. Third, Fourth, or Fifth year.
   3 hours. *Professors Hughes and Currie*
2. METHOD AND SCHOOL ORGANIZATION. Fifth year.
   3 hours. *Professors Hughes and Currie*

3. EDUCATIONAL PSYCHOLOGY. (Course given under the joint auspices of the Departments of Psychology and Education.)

PROSPECTIVE HIGH SCHOOL TEACHERS—CHOICE OF SUBJECTS

Students entering the University as matriculants with the intention of becoming High School teachers should consult the Professor of Education (Room 19, Arts Building) before deciding on their courses. They are strongly recommended to include in their degree studies a course in at least one of the following:

1. Psychology
2. Sociology
3. Philosophy (*either* Ethics *or* Logic and Scientific Method)
4. Economics

All B.Sc. students who are prospective candidates for the High School Diploma are strongly recommended to arrange their undergraduate course so as to include at least one year each in Biology, Chemistry, and Physics.

(Re compulsory courses of the First and Second Years—see below.)

Students who, during their undergraduate years, decide to enter the teaching profession should consult the Professor of Education (Room 19, Arts Building) at the earliest possible opportunity after—*or even before*—their decision is made. It is important that such students take very careful note of the Quebec regulations governing the choice of academic subjects of the first and second years. (See below.)

PROFESSIONAL (METHOD) COURSES

METHODS OF TEACHING SPECIAL SUBJECTS (hours to be arranged).

Courses on the methods of teaching the following special subjects are available for candidates for the High School Diploma: (1) The Humanities (English, French, Classics); (2) Social Sciences (including History, Geography, etc.); (3) Science (Biological and Physical, including Mathematics; (4) Music and Art.

THE TRAINING OF TEACHERS

THE QUEBEC HIGH SCHOOL DIPLOMA

This diploma is valid only in the Protestant Schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this diploma.

Each candidate must (*a*) make application upon the authorized forms, obtainable from the Registrar's Office, Dawson Hall, McGill University, (*b*) be a British subject or satisfy the Central Board that he has begun the necessary proceedings to become such, (*c*) submit a physician's certifi-

cate to show that he is in good health and free from physical or other defects likely to interfere with his usefulness as a teacher, (*d*) be a graduate of an approved University, and have passed for two years the following subjects in his university course, or their equivalents approved by the Central Board of Examiners.*

ACADEMIC PREREQUISITES FOR THE QUEBEC HIGH SCHOOL DIPLOMA*

1. Arts Division

First Year

English (obligatory), and any four of the following: French, Geography, History, Latin, Mathematics, or one Physical or Biological Science.

Second Year

English and two courses continued from the first year.

2. Science Division

First Year

English (obligatory), Mathematics (obligatory), two Physical or Biological Sciences, and one elective subject chosen from History, an acceptable modern foreign language, a third Science subject.

Second Year

English and two courses continued from the first year.

(Although not required by these Regulations, it is strongly recommended that B.Sc. students arrange their undergraduate course so as to include at least one year each in Biology, Chemistry, and Physics.)

NOTE:—In order to prevent disruption of educational programmes and to prevent any sudden contraction in the supply of candidates for high school diplomas, it is provided that the new regulations shall become operative at the beginning of the academic year following the passing of the Order-in-Council, and shall apply only to students who register for undergraduate work at the beginning of the said academic year, or later. During the four years immediately following the passage of the Order-in-Council, candidates may qualify either on the basis of the above regulations or on the basis of those formerly in effect.

Order-in-Council for New Regulation passed on March 21st, 1946.

3. B.Com. Students

Academic Prerequisites for B.Com. Students who intend to take High School teacher training after graduation are now under consideration. Students interested should apply for details of these requirements to the Professor of Education, Room 19, Arts Building, at the earliest opportunity.

*But see below proviso re exemption for Veteran Students who are university graduates before leaving the forces.

SPECIAL CONCESSIONS FOR VETERANS

Veterans who have degrees in Arts, Science, or Commerce will be eligible for admission to courses leading to High School Diplomas without necessarily complying with the regulation requiring certain courses to be taken during the first two years at college.

(*N.B.—It should be clearly understood that the above concessions are not to be taken as applicable in the case of undergraduate veterans.*)

FURTHER ACADEMIC STUDY

The post-graduation year of training provides opportunities for further academic study, and completion of any academic requirements remaining unfulfilled. (See below, "Credit for M.A. Degree".)

COMPULSORY POST-GRADUATE YEAR OF PROFESSIONAL TRAINING

Every student who desires to proceed to the Diploma will be required to take a post-graduation year of training. The course begins early in September and ends in June.

Candidates for this course are advised to consult the Professor of Education in Room 19, Arts Building, for further particulars; and are requested to do this, wherever practicable, before April 15th, to make provisional arrangements.

Candidates must fulfil the following requirements:

(1) The successful completion of degree courses 1 and 2 in the Department of Education, and the course in Educational Psychology.

(2) Successful completion of any three of the following five courses in method: (1) French, (2) Science (Biological and Physical), (3) Geography, (4) Music, (5) Art. These courses are held in the Montreal High School and elsewhere at hours to be announced later.

(3) Successful completion, under expert supervision, of such practice teaching and criticism lessons as are required of the candidate by the Department (unless the candidate holds an intermediate diploma or shows an equivalent in successful teaching which would be accepted by the Central Board of Examiners).

The course in Practice Teaching is at present divided into three parts. The first part is taken in the fall of the Fifth Year and is carried on in the primary and/or high schools of Greater Montreal. The second part of the course is taken on Tuesdays in the schools during the session. The third part of the course is taken in May and June after the examinations and is carried on in the primary and/or high schools. At present candidates are enabled to take advantage of at least seventy-five half-days of Practice Teaching.

REGULATIONS OF THE PROTESTANT COMMITTEE (1940 Edition)

The Regulations governing the award of the High School Diploma require that candidates must make application upon the authorized form

(which may be obtained at the Registrar's Office, Dawson Hall, McGill University) to Dr. W. P. Percival, Secretary, Protestant Central Board of Examiners, Department of Education, Quebec, P.Q., *on or before the 20th day of July before entering upon the year of training. Candidates are advised to submit with their application forms a full transcript of their academic courses, showing clearly all courses of the first and second year (whether taken in the first, second, third, or fourth year).*

Students will note that high school certificates shall be interim when issued, and shall be exchanged for permanent diplomas after two years of successful teaching as certified by an inspector. Only those teachers shall be eligible to act as Principals of High Schools who possess permanent High School Diplomas and have attended successfully at least one session at an approved summer school after receiving their interim certificates.

CREDIT FOR M.A. DEGREE

The work done in the year of training for the High School Diploma, if of sufficiently high standard, is helpful to candidates desiring to proceed to the M.A. degree in Education. (See the Announcement of the Faculty of Graduate Studies and Research.)

ELEMENTARY, INTERMEDIATE, AND KINDERGARTEN DIPLOMAS

The training for these diplomas is given by Macdonald College. (See Macdonald College Announcement.)

COURSES FOR TEACHERS OF SPECIAL SUBJECTS

French. A summer school for teachers of French leading to a Specialist Diploma recognized by the Provincial Department of Education.

Kindergarten. (See Macdonald College Announcement.)

Physical Education. (See Announcement of the School of Physical Education.)

Geography. Particulars of the McGill Geography Summer School may be obtained from the Department of Geography, Arts Building, McGill University.

M.A. IN EDUCATION

For details of the M.A. in Education, see the Announcement of the Faculty of Graduate Studies and Research, under "Education."

SCHOLARSHIPS AND BURSARIES

Scholarships and Bursaries are now available both for M.A. and Diploma students. Further information may be obtained from the Professor of Education, Room 19, Arts Building, McGill University.

FEES

Particulars concerning fees will be found in the section headed "Fees", (*page 1033*).

ENGLISH

Professors	H. G. Files, *Chairman*
	George Ian Duthie
	Arthur L. Phelps
Associate Professor	A. S. Noad
Assistant Professors	Patrick Anderson
	Constance Beresford-Howe
	Elmer Hall
	Joyce Hemlow
	S. Ernest Sprott
Lecturers	Kathleen M. Fricker
	S. W. Porter

Note:—In electing courses, the student should bear in mind that (1) some of the English courses cannot be offered in the current session, but will normally be offered in the next session; and (2) some courses admit only a limited number of students, or require special qualifications for admission. A student who wishes to elect a course but, after examining the Announcement, is uncertain of his eligibility, should consult the instructor responsible for the course.

COURSES FOR STUDENTS IN THE FIRST YEAR—

100. ENGLISH LITERATURE AND COMPOSITION. (Full course).
2 hours of lectures and 2 of conferences
Professor Phelps and Members of the Department

150. ENGLISH COMPOSITION. (Half course). For those who need special instruction and practice in writing correct, idiomatic English.
2 hours each week throughout the session. *Miss Fricker*

Students should consult the instructor before electing this course. English 150 cannot be credited towards a degree.

COURSES OPEN TO STUDENTS IN THE SECOND YEAR—

LITERARY HISTORY

200. SHAKESPEARE. (Full course). All students taking this course should possess the prescribed text-book, which is G. B. Harrison's *Shakespeare: Twenty-Three Plays and the Sonnets* (Harcourt Brace).
3 hours *Professor Duthie*

210. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY. (Full course.)
3 hours *Professor Sprott*

220. ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY. (Full course).
3 hours *Professor Files*

230. ENGLISH LITERATURE IN THE NINETEENTH CENTURY. (Full course). For second year students exclusively, in either the General or the Honours course.
3 hours *Professor Phelps*

240. AMERICAN LITERATURE. (Full course).
3 hours *Professor Files*
(*Not given 1950-51.*)

COMPOSITION AND THEATRE ARTS

250. CREATIVE WRITING—INTERMEDIATE COURSE. (Full course).
Hours to be arranged *Professor Beresford-Howe*
Registration is limited. Students must have the instructor's permission to take this course.

260. DRAMATIC PRODUCTION. An introductory course which deals with the architectural development of the modern stage and with the technique of production, including such matters as technical terminology, duties of staff, etc.
3 hours of lectures a week; one laboratory period of 2 hours each week, to be arranged according to the students' convenience; and work on productions. The total time required exclusive of lectures is 100 hours.
Professor Hall
This course is a prerequisite for all other dramatic production courses.

LITERARY HISTORY AND SPECIAL STUDIES OF TYPES AND AUTHORS

COURSES OPEN TO STUDENTS IN THE THIRD AND FOURTH YEARS (in addition to courses 200, 210, 220, 240, 250, and 260.)

300. OLD ENGLISH. (Full course). English Language and Literature up to the Norman Conquest. The course includes readings from Anglo-Saxon prose in the first term; and in the second, a study of heroic poetry. The texts used are: Bright's *Anglo-Saxon Reader* and Klaeber's edition of *Beowulf*. The course is open to third and fourth year Honours students, who are reminded that a knowledge of the early periods of English literature is normally required in graduate work.
3 hours *Professor Hemlow*

305a. CHAUCER. (Half course.) The first term will include a study of *The Canterbury Tales*, their sources and analogues. Robinson's text (the Student's Cambridge Edition of the Complete Works) will be used.
First term: 3 hours. *Professor Hemlow*

305b. CHAUCER. (Half course.) The second term is devoted to the study of the dream-vision poems and of the Troilus story.

Second term: 3 hours. *Professor Hemlow*

310. MIDDLE ENGLISH. (Full course). Studies in Middle English Literature (exclusive of Chaucer). The course is open to students who have taken either Old English or Chaucer. Emerson's *Middle English Reader* is used in the first term; and in the second, *Gawain and the Green Knight* (Tolkien and Gordon). When texts are available so that the content of the course can be varied, students will be permitted to repeat the course for credit a second year.

3 hours *Professor Hemlow*

315b. NON-DRAMATIC ENGLISH LITERATURE OF THE SIXTEENTH CENTURY. (Half course.)

First term: 3 hours *Professor Duthie*

320. THE HISTORY OF THE ENGLISH DRAMA FROM THE BEGINNINGS TO 1642, EXCLUDING SHAKESPEARE. All students taking this course should possess the prescribed text book, which is W. A. Neilson's *The Chief Elizabethan Dramatists* (Houghton, Miflin). It will also be an advantage if students possess or have access to J. Q. Adams's *Chief Pre-Shakespearian Dramas.*

3 hours *Professor Duthie*

325a. SHAKESPERIAN TEXTUAL PROBLEMS. (Half course). The course will deal with the early Shakespearian quartos and folios, the nature of the manuscripts from which they were printed, and the principles which should guide a modern editor in arriving at an authentic text of the plays The course is open to third and fourth year students and to graduate students, course 200 being a pre-requisite. In special cases, *with the Instructor's permission,* it may be taken by second year students and by students in subsequent years who have not previously taken course 200.

First term: 3 hours *Professor Duthie*

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT. (Full course.)

3 hours. *Mr. Porter*

331. CONTINENTAL EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT. (Full course.)

3 hours. *Mr. Porter*

335. THE ENGLISH NOVEL FROM THE BEGINNINGS TO THE PRESENT TIME. (Full course). This course includes some reference to foreign work and to related literary types.

3 hours *Professor Files*

(*Not given in 1950-51.*)

336b. THE SHORT STORY. (Half course). The history and technique of the short story in English, with some reference to related foreign types.

Second term: 3 hours *Professor Beresford-Howe*

340. STUDIES IN LITERATURE SINCE 1900. (Full course.) Contemporary authors, English and American, with special emphasis on novelists and dramatists. English 335 is recommended as a suitable preparation for this course; and students who have not taken that course should receive the Instructor's permission to take course 340.

3 hours *Professor Files*

341a. CANADIAN LITERATURE. (Half course). The history of Canadian Literature from the beginnings to the present day, with some study of the influence of the trans-Atlantic and the American traditions, and of the Canadian environment. An examination of the status of Letters in Canada.

First term: 3 hours *Professor Phelps*

345. STUDIES IN ENGLISH PROSE EXPRESSION FROM BACON TO THE PRESENT DAY. (Full course). Emphasis will be placed upon social and political writing, the tradition of satire, and the personal essay.

Lectures and discussion groups.

3 hours *Professor Phelps*

350a. MILTON AND CHRISTIAN HUMANISM: HIS THOUGHT AND ART CONSIDERED IN RELATION TO HIS OWN TIMES AND TO OUR OWN. (Half course). The prescribed texts are: M. Y. Hughes' edition of *Paradise Regained, The Minor Poems, and Samson Agonistes;* and *Paradise Lost.*

First term: 3 hours. *Professor Sprott*

(*Not given in 1950-51.*)

350b. THE POETRY OF SPENSER. (Half course). Emphasis will be placed upon the shorter poems and selected cantos of *The Faerie Queene.* The Oxford edition of the poems will be suitable.

Second term: 3 hours. *Professor Hemlow*

355a. THE ART OF POETRY. This half course concerns the theory of poetry and the development of poetic forms and techniques. Students are encouraged to submit work of their own for critical discussion. (Half course.)

First term: 3 hours *Professor Anderson*

360a. ENGLISH POETRY AND SOCIETY—1798-1850. (Half course).

First term: 3 hours *Professor Phelps*

(*Not given in 1950-51.*)

360b. ENGLISH POETRY AND SOCIETY—1850 TO THE PRESENT TIME. (Half course). English 360a and 360b will consist of an examination of the major long poems in relation to their times.

Second term: 3 hours

Professor Phelps

(*Not given in 1950-51.*)

365a. BRITISH POETS OF THE TWENTIETH CENTURY. (Half course).

First term: 3 hours

Professor Anderson

365b. AMERICAN POETS OF THE TWENTIETH CENTURY. (Half course).

Second term: 3 hours

Professor Anderson

COMPARATIVE LITERATURE

370. THE CULTURE AND LITERATURE OF THE RENAISSANCE. (Full course).

3 hours

Professor Noad

(*Not given in 1950-51.*)

375. THE INFLUENCE OF ENGLISH UPON EUROPEAN LITERATURE IN THE 18TH AND 19TH CENTURIES. (Full course.) (*a*) Shakespeare and the Continent; (*b*) Changing Concepts of Nature; (*c*) Ossian and the Celtic Revival; (*d*) The Historical Novel; (*e*) Byronism.

3 hours

Professor Noad

(*Not given in 1950-51.*)

380. A STUDY OF SOME LITERARY TYPES, FROM THE RENAISSANCE TO THE PRESENT DAY. (Full course.) Special subjects: (*a*) The Imaginary Voyage (fantasies, utopia, satires); (*b*) Gentleman and Superman; (*c*) The Oriental Observer (from Montesquieu's *Lettres persanes* to the 20th century); (*d*) Mock-heroic Poetry.

3 hours

Professor Noad

385. HISPANIC CONTACTS WITH EUROPEAN LITERATURE. (Full course). Special Subjects: (a) The Picaresque Novel; (b) Don Quixote; (c) Don Juan; (d) English and Spanish Romanticism. A reading knowledge of Spanish is advisable.

3 hours

Professor Noad

390. THE GREAT WRITINGS OF EUROPE. (Full course).

2 hours of lectures and one conference weekly by members of the English and other Humanistic Departments, under the direction of Professor Noad.

For 1950-51 the periods studied will be the 18th and 19th Centuries.

COMPOSITION AND THEATRE ARTS

395. CREATIVE WRITING—ADVANCED COURSE. (Full course). An advanced course open to a limited number of undergraduate students who appear

well qualified for mature creative writing. Application for permission to take this course should be made at the beginning of the session. *Registration is limited.*

Hours to be arranged *Professor Files*

*396L. DRAMATIC PRODUCTION—SCENERY AND LIGHTING. (Half course). An elementary course in the construction of scenery and the technique of stage lighting.

3 hours of lectures weekly. A total of 50 hours of laboratory work is required.

Prerequisite: English 260 (or its equivalent).

*397L. DRAMATIC PRODUCTION—COSTUME AND MAKEUP. (Half course).

3 hours of lectures weekly, and a total of 50 laboratory hours.

Mrs. Douglas

Prerequisite: English 260 (or its equivalent).

*398L. DRAMATIC PRODUCTION—ACTING, DIRECTING, MANAGING. (Half course). This course is designed for prospective teachers of English and others who may be called on to direct non-professional drama groups.

3 hours of lectures weekly, and 50 hours of laboratory work.

Professor Hall

Prerequisite: English 260 (or its equivalent).

399. DRAMATIC PRODUCTION AND PLAYWRITING. (Full Course). This course requires the writing of a simple one-act play on a theme not too remote from experience. The experimental production of several plays written by members of the class will be handled in all details by the students.

Registration is limited. Students must have the instructor's permission to take the course.

3 hours of lectures and discussions to be arranged, besides 50 hours of laboratory work. *Professor Hall*

*CONTINUATION COURSES

The following English courses may *not* be counted as continuation courses: 150, 396L, 397L, 398L.

HONOURS COURSES IN ENGLISH

Students in the Second Year who wish to become candidates for full Honours in English will be expected during their remaining undergraduate years to take a total of ten courses approved by the Department, including the following required courses: 305a, 315b, 200, 210, 220, 230,

340. The remaining four of the ten courses are to be elected from those approved as Honours courses by the Department, and may in fact be chosen from courses offered by another Department (see Cognate Courses below). The following English courses, however, may *not* be counted towards the Honours degree: 150, 396L, 397L, 398L.

In the Second Year, the student will take two English courses: viz. English 230 and one other from the list of Second Year courses. Attention is called to the fact that English 220 and 340, which are given this session, will probably not be offered in 1951-52.

In both the Third and the Fourth Years, four courses will be taken with the approval of the Department.

ENGLISH REQUIREMENTS FOR HONOURS IN ENGLISH AND ANOTHER SUBJECT

Students in the Second Year who choose a combined Honours course will be expected to take a total of five English courses, including 200, 230, and one other chosen from 210, 220, 305 (full course), and 340. The other English courses must be chosen with the approval of the Department. Normally, one English course would be taken in the Second Year, and two English courses in both the Third and the Fourth Years.

Students now in their Fourth Year, who have been admitted to the combined Honours course, will not be subject to the new regulations, but should choose their courses with the approval of the Department.

COGNATE COURSES

Certain courses offered by other Departments will be accepted for the English Honours degree. The attention of students is called to the following examples of recommended courses:

CLASSICS 20: CLASSICS IN TRANSLATION. (Full course). Greek and Latin literature in translation.

For Second, Third, or Fourth Year Students.

3 hours *Professor Woodhead*

For particulars see the course as listed under the Department of Classics.

LINGUISTICS 21: INTRODUCTION TO THE STUDY OF LANGUAGE. (Full course).

For Second and Third Year Students.

3 hours *Professor Carruthers*

For particulars see the course as listed under the Department of Classics.

GERMAN 6. A GENERAL SURVEY OF GERMAN LITERATURE FROM LESSING TO MODERN EXPRESSIONISM. (Full course).

For Second and Third Year Students.

3 hours *Professors Graff and Meyer*

This course is given in English. See listing under Department of German.

HISTORY 15: THE HISTORY OF EUROPEAN THOUGHT SINCE THE RENAISSANCE. (Full course). Properly qualified non-Honours students may be admitted to this course with the consent of the instructor.

3 hours *Professor Reid*

See the course as listed under the Department of History.

PHILOSOPHY 4. ÆSTHETICS. (Full course.)

3 hours. *Professor Henderson*

For particulars see the course as listed under the Department of Philosophy.

FINAL GENERAL EXAMINATION

Every candidate for Honours in English, or in English and another subject, must pass, near the close of his last year, a special general examination, either oral or written, conducted by a committee of the Department.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

FINE ARTS

Professor	R. T. DAVIS, *Chairman*
Associate Professor	JOHN LYMAN
Assistant Professor	ARTHUR LISMER
Lecturer	MARY H. FILER
Sessional Lecturer	GORDON WEBBER
Assistant	JOHN FOX

COURSES FOR GENERAL STUDENTS (B.A. or B.Sc.)

201. INTRODUCTION TO ART. (Full course). Lecture course supplemented by discussions, museum visits, written reports, and assigned reading. The aim of the work is to sharpen the student's visual perceptions, to stimulate his thinking by using visual data, and to survey the art of at least six epochs which have made important contributions to our artistic heritage.

3 hours. *Professor Davis*

This is a basic course for general students and a prerequisite for all general students expecting to elect further courses in Fine Arts, although Fine Arts 252 may be taken concurrently with it.

(Required course for all B.F.A. students.)

252. TECHNIQUES OF THE VISUAL ARTS. (Full course). A course of studio practice and theory which aims to give the student a wide variety of experiences in using techniques, processes, and media employed by artists of various periods. No previous experience or training in drawing, painting, or modelling is required. A fee will be charged for materials used.

Professor Lismer and Miss Filer

Fine Arts 201 is a prerequisite for this course, or should be taken concurrently with it.

301. HISTORY OF ART: THE EUROPEAN TRADITIONS. (Full course). European art from 1300 A.D. to the present, with particular emphasis on painting. The Latin traditions of the South will be contrasted with the Gothic traditions of the North. An intensive study will be made of the influence of these traditions in forming the styles of at least six great masters of the period.

The work will be conducted by lectures, discussions, reading, and reports.

Prerequisite: Fine Arts 201.

(*Required course for all B.F.A. students.*)

401a and b. HISTORY OF ART.

411a. SEMINAR IN ART CRITICISM.

COURSES FOR CANDIDATES FOR THE B.F.A. DEGREE

161. FUNDAMENTALS IN DRAWING. (Full course).
5 hours studio work

Professor Lyman

261. DRAWING AND PAINTING. (Full course).
9 hours studio work

Professor Lyman

271. DESIGN. (Full course).
6 hours studio work

Mr. Webber

361. DRAWING AND PAINTING. (Full course).
10 hours studio work

Professor Lyman

371. DESIGN. (Full course).
10 hours studio work

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381. DESIGN FOR COMMERCE AND INDUSTRY. (Full course).
5 hours studio work

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391. TEACHING METHODS IN ART. (Full course).
2 hours, plus observation and apprentice teaching

Professor Lismer

461. DRAWING AND PAINTING. (Full course.)

Professor Lyman

471. DESIGN. (Full course.)

481. DESIGN FOR COMMERCE AND INDUSTRY.

491. TEACHING METHODS IN ART. (Full course).
2 hours, plus practice teaching. *Professor Lismer*

499b. THESIS.

GENETICS

Associate Professor J. W. BOYES, *Chairman*
Assistant Professors E. R. BOOTHROYD
F. C. FRASER

21a. INTRODUCTION TO GENETICS. (Half course). Basic principles of Genetics plus laboratory experience with problems and practical work.

First term: 3 hours, a 2-hour laboratory period. *Professor Boyes*

Prerequisites: Any two of Botany 11a *or* 11b *or* Zoology 11a *or* 11b or the equivalent *or* Physiology 21, any one of which may be taken concurrently with Genetics 21a.

Text: Snyder, The Principles of Heredity, Third Edition.

21b. HUMAN HEREDITY AND EVOLUTION. (Half course). Human heredity with particular reference to disease, mental conditions, and eugenics; introduction to the theory of evolution in the light of genetic principles.

Second term: 3 hours. *Professor Boyes*

Prerequisite: Genetics 21a.

32a. CYTOLOGY. (Half course). The protoplasmic organization of the animal and plant cell.

First term: 2 hours and a 3 hours laboratory period. *Professor Boothroyd*

Prerequisite: Genetics 21a.

Text: Sharp, Fundamentals of Cytology.

32b. CYTOLOGICAL TECHNIQUE. (Half course).

Second term: 6 hours laboratory *Professor Boothroyd*

Prerequisite: Genetics 32a unless special permission is obtained from the instructors.

36b. DEVELOPMENTAL GENETICS. (Half course). Studies in the genetic control of development and differentiation.

Second term: 3 hours. *Professor Fraser*

Prerequisites: Genetics 21a and Zoology 22b (Embryology—Prerequisite, Zoology 22a).

43b. ADVANCED GENETICS AND CYTOGENETICS. (Half course). Advanced work, including linkage, polyploidy, apomixis, hybridization, and irradiation effects.

Second term: 3 hours *Professor Boyes and Staff*

Prerequistes: Genetics 21a and 32a.

44. BIOMETRY. (Full course). Elementary statistics and their application to problems in Biology.

2 hours and 3 hours of computation to be arranged. *Professor Kalmus*

Prerequisites: A university course in one of the Biological sciences, and Mathematics 12b, or the equivalent.

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION. (Half course).

First term: 3 hours. *Professor Boyes*

Prerequisites: Genetics 21a, and 32a, which may be taken concurrently.

Text: Dobzhansky, Genetics and the Origin of Species, Revised Edition.

47a or b. SPECIAL TOPICS. (Half course).

This course is for advanced students of high standing who wish to read extensively in a particular field or undertake a minor research problem in Genetics or Cytology. *The Staff*

HONOURS COURSE

Students who contemplate graduate studies and research in Genetics or Cytology are advised to consult the Chairman of the Department before the end of their second year.

CONTINUATION COURSES

Second Year: Genetics 21.
Third Year: Genetics 32a, 32b, 36b.
Fourth Year: Genetics 43b, 44, 45a, 47a, or 47b.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GEOGRAPHY

Associate Professors	F. K. HARE, *Chairman*
	BOGDAN ZABORSKI
Assistant Professor	J. B. BIRD
Honorary Lecturer	A. L. WASHBURN
Lecturer	H. N. LASH

FIRST YEAR

12. THE ELEMENTS OF PHYSICAL GEOGRAPHY. (Full course). Scientific study of man's habitat. The course is divided into main parts:

A. The origin and world distribution of landforms developed under different climates. Major earth resources: water, soils, and minerals.

B. Climate and weather; physical processes and properties of atmosphere. The principal climatic belts of the world. Significance of climate as a factor influencing human settlement.

3 hours. *Professor Bird and Mr. Lash*

(In Science Division). *No prerequisites required.*

SECOND AND THIRD YEAR

21. THE ELEMENTS OF SOCIAL GEOGRAPHY. (Full course). Scope and aims of social geography: affinity to other sciences. Nature of physical environment and of man-land relationships. World distribution of foods, raw materials, and fuels in relation to changing needs of industry, commerce, and population. Problems of land use and resource conservation. Select areal studies illustrating the role of geography in modern economic life.

3 hours. *Professors Hare and Bird*

(In Arts Division.) *No prerequisite.*

22. PRACTICAL GEOGRAPHY. (Full course). The construction and properties of common map projections. This analysis of topographic maps and aerial photographs. Photogrammetric techniques. Reconstruction of cultural landscape from cartographic evidence. Study of British, U.S., Canadian, and European topographic series. Special purpose maps: e.g., land use, commodity, population, etc.: their construction and interpretation.

1 hour and laboratory periods. *Mr. Lash*

(In Science Division.) *Prerequisite:* Geography 12, 21 or Geology 1.

THIRD AND FOURTH YEAR

In courses 31, 33, 35, 37, and 39 the general principles adumbrated in courses 12 and 21 are applied to specific environments. These are studied primarily from the standpoint of their physical and cultural distributions, including the areal localisation of ways of living, past and present. The importance of the environment in human affairs is assessed, and the findings applied to contemporary problems.

31. THE GEOGRAPHY OF CANADA. (Full course).

3 hours. *Professor Bird*

(In Arts Division). *Prerequisite:* Geography 12 or 21.

33. THE GEOGRAPHY OF THE UNITED STATES. (Full course).
3 hours

(In Arts Division). *Prerequisite:* Geography 12 or 21.
(*Not given in 1950-51.*)

35. THE GEOGRAPHY OF EUROPE. (Full course).
3 hours
Professor Zaborski

(In Arts Division). *Prerequisite:* Geography 12 or 21.
(*Not given in 1950-51.*)

37. THE GEOGRAPHY OF THE ORIENT. (Full course.)
3 hours.
Professor Zaborski

(In Arts Division.) *Prerequisite:* Geography 12 or 21.

39. THE GEOGRAPHY OF THE U.S.S.R. (Full course.)
3 hours.
Professor Zaborski

(In Arts Division.) *Prerequisite:* Geography 12 or 21.

41. ECONOMIC GEOGRAPHY. (Full course.) The course is in two parts, of which the *first only* may be taken as a half course.

A. First term. The content and methodology of Economic Geography. The influence of geographical factors on economic activity. Land use and occupations of mankind. Types of agriculture as influenced by natural conditions and historic developments. Factors influencing location of industries.

B. Second term. Regional survey of the economic geography of a chosen continent. Comparisons with conditions and developments in North America.

3 hours.
Professors Zaborski and Hare

(In Arts Division.) *Prerequisite:* Geography 12 or 21.

42b. THE TECHNIQUE OF REGIONAL STUDIES. (Half course.) The idea of regional survey. Surveys of land use. Classification of land according to fertility, site and existing use (e.g., agricultural, industrial, waste). Optimum land use in relation to functional requirements. Geographical significance of resource conservation. Spread of cities across agricultural land.

Study of existing regional surveys and projects: the Land Utilisation Survey of Great Britain, the Tennessee Valley Authority, and other North American projects.

A regional study will be made of a selected area in Canada.

Second term: 3 hours.
Mr. Lash

(In Science Division.) *Prerequisite:* Geography 12, 22, or Geology 1.

43. HISTORICAL GEOGRAPHY. (Full course). Relations between man, habitat, and economy in early, medieval, and modern times. Reconstructing the geographical milieu of past cultures. Geographical conditioning of historic trade routes, migrations, and colonisations. Climate and civilisation.

3 hours. *Professor*———

(In Arts Division). *Prerequisite:* Geography 21.

(*Not given in 1950-51.*)

44. METEOROLOGY. (Full course). Physical properties of the atmosphere. Radiation and the heat balance: the causes of atmospheric circulation. Vertical motion in the atmosphere, and formation of clouds and rain. Winds and pressure distribution. General circulation of atmosphere and development of fronts. Anticyclones and depressions. Climates of the world: regional meteorology.

Use of meteorological instruments. International codes and plotting symbols. Practical work on synoptic charts from selected daily records.

3 hours *Professor Hare*

(In Science Division). *For Honours in Mathematics and Physics students only.*

45b. POLITICAL GEOGRAPHY. (Half course.) Political Geography as a branch of Geography. Historical development of views concerning the relations between environment and nation. The concept of the nation and the geographical approach to the problems of the development and conflict of nations. The changing map of the world. Geographical aspects of some modern national problems.

Second term: 3 hours. *Professor Zaborski*

(In Arts Division.) *Prerequisite:* Geography 12 or 21.

(*Not given in 1950-51.*)

46. CLIMATOLOGY. (Full course). Systematic and regional study of world climates, with special reference to the northern hemisphere. Principles and methods of dynamical, physical, and bio-climatology. Major features of world circulation. Climatic classification: systems of Köppen and Thornthwaite. Physiological significance of climate for plant and animal kingdoms, including man. Climate and hydrology: run-off, evaporation, and percolation.

3 hours *Professor Hare*

(In Science Division). *Prerequisite:* Geography 12.

HONOURS COURSES

First year students intending to take Honours in Geography should consult the Department before the end of the session. Such students

will normally be required (1) to have passed Geography 12 with at least good second class standing before being permitted to take Honours, and (2) to make their selection of second, third, and fourth year courses from the following list:

B.A. Students

Second Year: Geography 21, 22 (compulsory):
Geology 1, 2a; Sociology 21; Economics 100.

Third Year: Geography 31 (compulsory), 33, 35, 37, 39:
Economics 351, History 4.

Fourth Year: Geography 41 (compulsory), 42b, 43, 45b, 46:
Sociology 35a (or 33b) and 5a.

B.Sc. Students

Second Year: Geography 21, 22 (compulsory):
Geology 1 (compulsory); plus one or more approved courses in Botany, Physics or Mathematics.

Third Year: Geography 31, 33, 35, 37, 39:
plus one or more approved courses in Geology, Botany, Physics, Surveying, or Mathematics.

Fourth Year: Geography 41, 42b, 44, 45b, 46:
plus one or more approved courses in Geology, Botany, or Physics.

NOTE:—With the consent of the Department, the Geography courses prescribed for the third and fourth years can be interchanged.

CONTINUATION COURSES

Second Year: Geography 21.
Third Year: Geography 22.
Fourth Year: Geography 41 or 46.

GEOLOGICAL SCIENCES

Professors JOHN J. O'NEILL, *Chairman*
T. H. CLARK
J. E. GILL
Professor (post-retirement) R. P. D. GRAHAM
Visiting Professor E. H. KRANCK
Associate Professor _____
Demonstrators _____

1. GENERAL GEOLOGY. (Eng. Fac. 1122). (Full course). The Earth and the Solar System. Its composition by minerals and rocks. Erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative

factors (temperature, compression, etc.), affecting its subsurface structure are thoroughly treated. The origin and historical development of the earth and of living things are briefly considered. The economic aspects of all phases of the subject are treated throughout the course.

Second or First Year: 2 hours and two hours laboratory, sections to be announced at first meeting; five or six excursions during October and November. *Professors Clark and* ————

Text: Longwell, Knopf, Flint, Physical Geology 1948 (Wiley).

2a. PHYSIOGRAPHY. Third or Second year. (Half course). A study of the surface features of the earth, their origins, changing aspects and influence on human activities. Special attention is given to the significance of various land forms in relations to soils, bedrock, rock structure and the distribution of natural resources. Maps, photographs, and local topographies provide illustrations.

First term: 2 hours and 1 laboratory period. *Professor Gill*

Prerequisite: Geology 1.

Text: Lobeck, Geomorphology, 1939 (McGraw-Hill).

3a. STRATIGRAPHY. Third year. (Half course). The principles of sedimentation—weathering; sources and origin of sedimentary rocks; significance of their textures and structures. The structural relationship of strata; areal distribution of sedimentary rocks.

Reference is made throughout the course to matters of economic importance.

First term: 2 hours, 1 hour laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisite: Geology 1.

Text: Twenhofel, Principles of Sedimentation.

4b. GEOLOGY AND NATIONAL RESOURCES OF CANADA. (Fac. Eng. 1160). Fourth year. (Half course). A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers and other resources of Canada. Maps and photographs are used to illustrate the course.

Second term: 2 hours and 1 laboratory period. *Professor Gill*

Prerequisite: Geology 106.

5. MINERALOGY. (Fac. Eng. 1124 and 1120).* Lectures in the first part of the course deal with the physical properties and chemical composition of minerals, and with crystallography. The more important ores, industrial minerals and rockforming minerals are then described, with particular emphasis in the case of the economic minerals on uses and source of supply.

2 hours *Professors Graham and* ————

Text: Kraus, Hunt & Ramsdell, Mineralogy, 1936 (McGraw-Hill).

6. DETERMINATIVE MINERALOGY.* (Fac. Eng. 1124 and 1120). Instruction is given in methods for the determination of the constituents of minerals by blowpipe analysis and related chemical tests. These tests and general physical characters are then applied in the identification of some 150 mineral species.

1 laboratory period. *Professors Graham and* ————————

7a. STRUCTURAL AND FIELD GEOLOGY. (Fac Eng. 1146). Third year. (Half course). A description of field methods is followed by a systematic survey of rock structures, their origins and practical importance. Six afternoons are devoted to field work and six to problems.

First term: 2 hours and 1 laboratory period. *Professor Gill*

Prerequisites: Geology 1, 5, 6.

References: Lahee, Field Geology, 1941 (McGraw-Hill); Billings, Structural Geology, 1942 (Prentice-Hall).

8. ORE DEPOSITS. (Fac. Eng. 1162). Fourth year. (Full course). Nature origin, mode of occurrence, and classification of deposits of metallic and of important non-metallic minerals; typical occurrences; geographical distribution.

2 hours per week; one laboratory period, during second term.
Professors O'Neill and Gill

Prerequisites: Geology 7 and 10.

References: Emmons, Principles of Economic Geology, 1940 (McGraw-Hill); Bateman, Economic Mineral Deposits, 1942 (Wiley).

9a. OPTICAL CRYSTALLOGRAPHY. Third or Fourth year. (Half course), Topics covered in the lectures include refraction and double refraction. polarization of light, and the nature of and reason for the various optical characters exhibited by crystals. The laboratory course gives practice in the determinations of these characters, using the polarizing microscope, axial angle and other instruments.

First term: 1 hour and 1 laboratory period. *Professor* ————————

Prerequisites: Geology 1, 5, 6.

10a. PETROLOGY. (Fac. Eng. 1144). Third year. (Half course). The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

Second term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisites: Geology 1, 5, 6.

Text: Pirsson & Knopf, Rocks and Rock Minerals, 1926 (Wiley).

*5 and 6 together make a full course and may be taken in the second or third year.

10b. PETROGRAPHY. (Fac. Eng. 1148.) Third year. The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 10a.

Textbook: Rogers and Kerr, Optical Mineralogy.

11b. HISTORICAL GEOLOGY. Third year. (Half course). Earth origin. Geological time and timetable. Principles of correlation. Index fossils. Origin and development of continents and oceans; geosynclines, epicontinental seas, and coastal plains; terrestrial sediments. Paleogeography. The main part of the course will deal first with the physical development, period by period, of North America, with brief attention to other continents, and second, with the attendant evolution of life as revealed by fossils.

Second term: 2 hours lectures and one two-hour laboratory period. *Professor Clark*

Prerequisite: Geology 1.

Text: Dunbar, Historical Geology, 1949 (Wiley).

12b. PALEONTOLOGY. Fourth year. (Half course). The development of ideas concerning the origin of fossils. Kinds of fossils. Collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological classification, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

Second term: 2 hours and one laboratory period, and one full day's field work in April. *Professor Clark*

Prerequisites: Geology 1, or Zoology 11.

Text: Twenhofel and Shrock, Invertebrate Paleontology (McGraw-Hill), 1935.

HONOURS COURSES

Second Year: Geology 1, 5, 6; one course in Chemistry and two other courses to be arranged

Third Year: Geology 7a, 10a, 10b, 3a, and 11b; Chemistry 24; other courses to be arranged.

Fourth Year: Geology 8, 9a, 2a, 4b, and additional courses as advised.

NOTE:—It is desirable that courses in surveying, mapping, and draughting be included in the Honours course in most cases.

If Geology 1 is taken in the first year, advanced courses may be taken in the second and third years, as advised.

CONTINUATION COURSES

Second Year: Geology 1, or 5 and 6.

Third Year: Geology 2a to 12b.

Fourth Year: Geology 2a to 12b.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GERMAN

Professor W. L. GRAFF, *Chairman*

Assistant Professor BERTHA MEYER

Lecturer V. R. BLOCK

For special reasons approved by the Department, a student of any year may be permitted to take any German course, provided no timetable conflict is caused thereby.

1. GERMAN LANGUAGE. First and Second years. (Full course.) Students intending to proceed to Course 5 from the above must have obtained a high Second Class and are required to read during the summer the following: Remaining chapters of Koischwitz, Deutsche Fibel (Crofts) and Kästner, Emil und die Detektive (Holt).

(*Beginners' B.A. Course.*)

Those intending to proceed to Course 7 must have obtained a First Class and are required to study during the summer the following texts: Viebig, C., Der Gefangene (Crofts); Kâstner, Emil und die Detektive (Holt & Co.); Storm, Immensee.

3 hours *Professor Meyer and Mr. Block*

Texts: Curts, Basic German, Revised Edition (Prentice Hall, 1946); D. Koischwitz, Deutsche Fibel (Crofts).

2. GERMAN LANGUAGE. First and Second years. (Full course).

3 hours. *Professor Meyer and Mr. Block*

Prerequisite: German 1 or Matriculation in German, or their equivalent.

Texts: Hinz, Das geheimnisvolle Dorf (Heath, Chicago German Series, Book 8); Kästner, Emil und die Detektive (Holt); Stroebe, Vom Alltag zur Literatur (Holt).

Private Reading: Dutton, Die Juwelen und andere Geschischten (Harrap & Co.).

3. GERMAN LANGUAGE. First and Second years. (Full course). Students intending to proceed from Course 3 to an Arts Course must have obtained a first or high second class and are required to read during the summer P. Olman, Der Onkel aus Amerika (Prentice-Hall).
3 hours *Professors Meyer and Mr. Block*

(Beginners' B.Sc. Course.)

Texts: Curts, Basic German, Revised Edition (Prentice Hall, 1946); Fiedler and Sandbach, First Science Reader for German Students (Oxford Univ. Press).

4. GERMAN SCIENCE READING COURSE. Second and Third years. (Half course).
1 hour *Mr. Block*

Prerequisite: German 1 or German 3 or Matriculation in German.

Text: Curts, Readings in Scientific and Technical German (Holt & Co.).

5. GERMAN LANGUAGE. Second and Third years. (Full course).
3 hours. *Professor Meyer and Mr. Block*

Texts: Stroebe: Vom Alltag zur Literatur (Holt); Hagboldt, Das Abenteuer der Neujahrsnacht (Heath, Chicago German Series, Book 9); Schiller, Maria Stuart (Holt).

Private Readings: Storm Immensee; Schnitzler, Der blonde Geronimo und sein Bruder.

6. GENERAL SURVEY OF GERMAN LITERATURE FROM LESSING TO MODERN EXPRESSIONISM. Second and Third years. This course is given in English for students who do not know enough German to understand lectures given in that language. It is not open to those who are taking or have taken any of the courses listed as German 8, 9, 10, 11, 12, 13, 14.
Professor Meyer

7. GERMAN LANGUAGE AND LITERATURE. Second and Third years. (Full course). No student may proceed from German 1 to German 7 unless he has completed the summer work as given under Course 1.
3 hours. *Professor Meyer*

Texts: Sutcliffe: German Translation and Composition (Harrap & Co.); Fleissner and Fleissner, Der junge Goethe (Appleton, Century and Crofts); Goethe, Edmont.

Private Readings: Th. Mann, Tonio Kroger (Crofts & Co.); Grillparzer, Der arme Spielman (Heath & Co.).

German Conversation: Students of the Second Year intending to continue German in the Third Year must attend a class in Oral German (one hour a week) until in the Professor's opinion they have reached a satisfactory standard.

NOTE:—In order to be admitted to the following courses a student must know German well enough to understand lectures delivered in German and express himself in German with some degree of fluency and correctness.

8. GERMAN LITERATURE IN THE 18TH CENTURY. Third and Fourth years. (Full course).

3 hours a week. *Professor Meyer*

Texts: Lessing, Emilia Galotti (Ginn.); Goethe, Iphigenie; Schiller, Wallenstein; Stroebe and Whitney, Geschichte der Deutschen Literatur.

Private Readings: Lessing, Minna von Barnhelm; Goethe, Urfaust; Schiller, Kabale und Liebe.

9. GERMAN LITERATURE IN THE 19TH CENTURY. Third and Fourth years. (Full course). The important literary movements and writers of the 19th century are studied and discussed. Collateral readings.

3 hours *Professor Graff*

10. FROM NATURALISM TO EXPRESSIONISM. Fourth year. (Full course).

3 hours *Professor Graff*

Prerequisites: German 8 and 9 or their equivalents.

11. MIDDLE HIGH GERMAN LANGUAGE AND LITERATURE. Third and Fourth years. (Full course).

2 hours *Professor Graff*

Texts: A. Senn, An Introduction to Middle High German (Norton & Co., N.Y.).

(*Not given in 1950-51.*)

12. GERMAN LYRICAL POETRY. Third and Fourth years. (Half course).

1 hour *Professor Graff*

Text: F. Bruns, Die Lese der deutschen Lyrik (F. S. Crofts & Co.).

(*Not given in 1950-51. Given in 1951-52.*)

13. HISTORY OF THE TRAGEDY IN GERMAN LITERATURE. Third and Fourth years. (Full course).

2 hours *Professor Graff*

14. GOETHE'S FAUST. Third and Fourth years. (Half course.)

1 hour. *Professor Graff*

(*Given in 1950-51.*)

COGNATE COURSE

LINGUISTICS 21. INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second and Third year students. (Full course). An elementary survey

of human speech, its nature, origin, structure and classification; principles of linguistic change; writing and the alphabet; universal and auxiliary languages.

3 hours *Professor Carruthers*

(*Given in the Department of Classics.*)

HONOURS COURSES

The selection of Honours Courses in German must be approved by the Department.

Students honouring in the Second Year must choose two full courses from the following: German 5, 7, 8.

In the Third and Fourth years one full course must consist of either German 11 and 12 (or 14) or German 12 (or 14) and 13. The other full course must be chosen from German 8, 9 or 10.

Students may begin Honours in German in the Third Year, if in the opinion of the Department they are qualified to do so.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

The Department offers a special course, open to candidates for the Ph.D. degree in the various disciplines of Arts and Science. The course is not designed to build up the required reading knowledge of the language by a systematic approach, but rather to guide the students in their own efforts and to help solve their difficulties. The course is given once a week, the day and the hour to be arranged.

HISTORY

Professors	H. N. Fieldhouse, *Chairman*
	E. R. Adair
Associate Professors	C. C. Bayley
	J. I. Cooper
Assistant Professors	M. Mladenovic
	W. S. Reid

COURSES FOR GENERAL STUDENTS

1. European civilization in the mediaeval and modern periods. First year. (Full course).

3 hours *Professors Fieldhouse and Bayley*

Ancient history 11. First year. (Full course). Students who wish to take this course should see the notes below on Continuation and Honours Courses in History.

3 hours *Given by the Classics Department*

2. GENERAL HISTORY OF NORTH AND SOUTH AMERICA. Second year. (Full course).

3 hours *Professor Adair*

3. HISTORY OF THE BRITISH EMPIRE. Second year. (Full course). With the consent of the Department, this course may be taken by Third Year students.

3 hours *Professor Cooper*

4. HISTORY OF CANADA. Third year. (Full course). An additional Seminar in advanced Canadian History, of one hour per week will be given to Honours students; time to be arranged.

With the consent of the Department, this course may be taken by Fourth Year students.

3 hours *Professor Cooper*

5. GENERAL ENGLISH HISTORY, WITH SPECIAL EMPHASIS ON THE MODERN PERIOD. Fourth year. (Full course). With the consent of the Department, this course may be taken by Third Year students.

3 hours *Professor Reid*

6. HISTORY OF EUROPE, 1789-1939. Fourth year. (Full course). Open only to students reading History as a Continuation or Honours subject. The attention of other students who may wish for a course in recent European history is directed to Course 17.

3 hours *Professor Fieldhouse*

7a. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815. Fourth year. (Half course). With the consent of the Department, this course may be taken by Third Year students.

First term: 3 hours *Professor Fieldhouse*

(*Not given in 1950-51.*)

8. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815. Fourth year. (Full course.) With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Reid*

9. DIPLOMATIC AND ECONOMIC HISTORY OF THE UNITED STATES AND CANADA. Third or Fourth year. (Full course.)

3 hours. *Professor Cooper*

COURSES SPECIALLY FOR HONOURS STUDENTS

10. MEDIAEVAL LIFE AND INSTITUTIONS. Second year. (Full course).

3 hours *Professor Bayley*

11. HISTORY OF MODERN EUROPE TO 1789. Third year. (Full course).
3 hours *Professor Adair*

12. THE GOVERNMENT OF ENGLAND, THE UNITED STATES, AND CANADA: A COMPARATIVE SURVEY. Fourth year. (Full course).
3 hours *Professor Bayley*

13. HISTORY OF ECONOMIC AND SOCIAL CONDITIONS, WITH SPECIAL REFERENCE TO ENGLAND. Fourth year. (Full course).
3 hours *Professor Adair*

15. THE HISTORY OF EUROPEAN THOUGHT SINCE THE RENAISSANCE. Fourth year. (Full course). With the consent of the Department, this course may be taken by suitably qualified students, other than Honours students.
3 hours *Professor Reid*

ADDITIONAL COURSES

16. HISTORY OF CELTIC BRITAIN AND IRELAND. Third and Fourth years. (Full course).
3 hours *Professor Reid*
(*Not given in 1950-51.*)

17. THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE. Second, Third, and Fourth years. (Full course). This course is intended to meet the needs of students who are not reading History as either a Continuation, or an Honours subject.
3 hours *Professor Fieldhouse*

SPECIAL SUBJECTS

A period in, or aspect of, Ancient History.

England in the Age of Wyclif.

Scotland in the XVI century.

England under the Early Stuarts.

England from the Restoration to the Accession of George III.

Economic and social change in Great Britain, 1832-1914.

French Canada in the XVIII century, and its relations with the English colonies.

British Imperial History—(a) Newfoundland (b) the West Indies in the XVII and XVIII centuries.

A topic in Canadian History, 1867-1896.

Origins of the First World War (1914-18) with special reference to British foreign policy.

Honours students choose one of these special subjects for continuous study during their Third and Fourth Years. They are expected to acquire a general knowledge of the subject chosen, and to make a more intensive study of one of its aspects, from original sources.

HISTORY AS A CONTINUATION SUBJECT

Students who choose History as a Continuation Subject will take the following courses:

First Year: History 1.

Second Year: History 2 or 3.

Third Year: History 4 or 9.

Fourth Year: One of the following: History 5, 6, 8.

This represents the minimum requirement. Students may take additional courses in History, if they so wish.

Unless the special consent of the Department has been obtained for another arrangement, Continuation students must take History 1 as a prerequisite to either History 2 or History 3. They may, if they so wish, take Ancient History 11 in their First year. If they do so, they must take History 1 in their Second Year, and either History 2 or History 3 in their Third Year.

HISTORY AS AN HONOURS SUBJECT

Students who take Full Honours in History will take the following courses:

First Year: History 1 and four other courses.

Second Year: History 2 and 10. Three other approved courses, one of which, at least, must be a foreign language.

Third Year: History 4 and 11, and one of the special subjects in History. Another approved course.

Fourth Year: History 6, 12 and one chosen from History 9, 13, and 15. Completion of the special subject begun in the Third Year.

Students who take Honours in History and another subject will take the following courses in History:

First Year: History 1.

Second Year: History 2 and 10.

Third Year: History 4 and 11.

Fourth Year: History 12 and either 6 or 13.

Unless the special consent of the Department has been obtained for another arrangement, Honours students must take History 1 as a prerequisite to History 2 and 10.

Before being admitted to Honours standing in History, students are expected to have a knowledge of French and of Latin. The latter requirement may be satisfied by a First Year college course following matriculation Latin, or, at the discretion of the Department, by high ranking in Latin in a matriculation examination.

In addition to the examination in the subjects taken in the last year, Fourth Year Honours students have a general examination paper on the history studied by them in their four years.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

MATHEMATICS

Professors
HERBERT TATE, *Chairman*
P. R. WALLACE
W. L. G. WILLIAMS
HANS ZASSENHAUS

Associate Professors
CHARLES FOX
E. M. ROSENTHALL

Assistant Professors
J. D. JACKSON
T. F. MORRIS
W. B. ROSS
C. D. SOLIN

Lecturers
W. R. BLACKMORE
M. D. BURROW
R. D. FULLERTON
JOACHIM LAMBEEK
SAMUEL MELAMED
N. E. SMITH

Demonstrators
MARTIN BOLOTEN
R. B. BORTS
R. T. SHARP
LEONARD ROSENTHALL

FIRST YEAR

(a) Courses 11a and 12b are normally taken by students who have not had Intermediate Algebra and Trigonometry. Students who have had Intermediate Algebra and Trigonometry must take 15a, 14b or 23a, 23b, or 13a, 13b.

Courses 13a and 13b are available to those whose matriculation standing in Mathematics is particularly high. These courses are of a more advanced nature and concentrate on the development of facility in doing difficult and interesting problems. Students who contemplate an Honours course associated with Mathematics are advised to consider taking courses 13a and 13b.

(b) Students who have passed Intermediate Algebra but not Trigonometry may take 11a, and 23b or 14b. They may not take 12a nor 12b.

(c) Students who have passed Intermediate Trigonometry but not Algebra, may take 23a and 12b, or 15a and 12b. They may not take 11a.

11a. PLANE TRIGONOMETRY. (Fac. Eng. 1212). (Half course). Trigonometric functions of any angle. Radian measure. Identities. Addition formulae. Transformations of sums and products. Solution of oblique triangles using the sine and cosine law.

First term: 3 hours *Various members of the Staff*

Text: H. Tate, *Elementary Mathematical Analysis* (Pitman).

12a. ALGEBRA (Fac. Eng. 1200). (Half course). Logarithms, ratio, proportion, variation, progressions, permutations and combinations, binomial theorem, theory of quadratic equations, functional notation, graphs with applications.

First term: 3 hours *Various members of the Staff*

Text: H. Tate, *Intermediate Algebra* (Pitman).

12b. ALGEBRA (Fac. Eng. 1202). (Half course).

Second term: 3 hours *Various members of the Staff*

(*Same as 12a but given in the second term.*)

13a. ADVANCED TRIGONOMETRY. (Half course). Treatment of topics in trigonometry not covered for matriculation, including graphs of trigonometric functions and graphical solution of equations.

First term: 3 hours *Professor Williams*

Text: MacRobert and Arthur, *Trigonometry, Part I* (Methuen).

13b. ADVANCED ALGEBRA. (Half course). Among the topics included are the binomial theorem, summation of series, sigma notation, mathematical induction.

Second term: 3 hours *Professor Williams*

Text: Barnard and Child, *A New Algebra, Vol. II* (Macmillan).

14a. ANALYTIC GEOMETRY. (Half course).

First term: 3 hours. *Various members of the Staff*

(*Same as 14b but given in the first term.*)

14b. ANALYTIC GEOMETRY (Fac. Eng. 1204). (Half course). The analytic geometry of the straight line, circle, and parabola.

Second term: 3 hours *Various members of the Staff*

Text: Young, Fort and Morgan, *Analytic Geometry* (Houghton-Mifflin)

15a. AUXILIARY TRIGONOMETRY (Fac. Eng. 1208) (Half course). Logarithmic solution of triangles, heights and distance problems in three dimensions, circles connected with the triangle, quadrilateral, trigonometric equations, inverse trigonometric functions, small angles, limits and approximations, graphs of trigonometric functions.

First term: 3 hours *Various members of the Staff*

Text: H. Tate, *Elementary Mathematical Analysis* (Pitman).

15b. AUXILIARY TRIGONOMETRY (Fac. Eng. 1210). (Half course).
Second term: 3 hours *Various members of the Staff*
(*Same as 15a but given in the second term.*)

COURSES FOR GENERAL STUDENTS

23a. ANALYTIC GEOMETRY AND CURVE FITTING (Fac. Eng. 1206). (Half course). The analytic geometry of the straight line, circle, and parabola with application to curve fitting.
First term: 3 hours *Professor Tate and others*
Text: C. H. Sisam, *Analytic Geometry* (Holt).

23b. THEORY OF INTEREST (Fac. Eng. 1214) (Half course). Simple and compound interest, discount, annuities certain, sinking funds, bonds, elementary interpolation.
Second term: 3 hours *Professor Tate and others*
Text: H. Tate, *Mathematical Theory of Interest* (Pitman).

24. ELEMENTARY CALCULUS. (Full course.) Graphical representation, limits, differentiation and integration of elementary functions with applications to the determination of lengths, areas, and volumes and the solution of simple problems in mechanics, physics, etc. Partial differentiation.
This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.
3 hours *Mr. Fullerton and others*
Texts: R. R. Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

28b. SPHERICAL TRIGONOMETRY AND ASTRONOMY. (Half course.) Geometry of the sphere, solution of spherical triangles, celestial sphere, time, positions of the heavenly bodies, determination of geographical position.
Second term: 3 hours. *Professor Fox*
Texts: Rider and Hutchinson, *Navigational Trigonometry* (Macmillan); Kells, Kern, and Bland, *Spherical Trigonometry with Naval and Military Applications* (McGraw-Hill); *American Nautical Almanac for 1951* (U.S. Government Printing Office).
Reference books: R. H. Baker, *Astronomy* (Van Nostrand); W. M. Smart, *Text-book on Spherical Astronomy* (Cambridge University Press).

36a. ALGEBRA. (Half course.) Complex numbers, properties of polynomials, partial fractions, theory of equations, determinants.
First term: 3 hours. *Professor Tate*
Text: F. S. Nowlan, *College Algebra* (McGraw-Hill).

36b. PLANE AND SOLID ANALYTIC GEOMETRY. (Half course.) The parabola, ellipse, and hyperbola. The general equation of the second degree. The elements of solid analytic geometry.

Second term: 3 hours. *Professor Tate*

Prerequisite: Mathematics 23a or 14b.

Text: R. Robinson, *Analytic Geometry* (McGraw-Hill).

37a. FURTHER CALCULUS. (Half course.) Hyperbolic functions, partial differentiation, infinite series, beta and gamma functions.

First term: 3 hours. *Professor Solin*

Prerequisites: Mathematics 24, 36.

Text: R. R. Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

37b. ELEMENTARY DIFFERENTIAL EQUATIONS. (Half course).

Second term: 3 hours *Professor Solin*

Prerequisites: Mathematics 24, 36, 37a.

43b. MATHEMATICS OF LIFE INSURANCE. (Half course.) Expectations of life, annuities and assurances, reserves, return of premiums, conversion tables.

Second term: 3 hours *Professor Tate*

Prerequisites: Mathematics 23b.

Texts: Menge and Glover, *Mathematics of Life Insurance* (Macmillan); C. K. Knight, *Advanced Life Insurance* (Wiley).

47. HIGHER MATHEMATICS FOR CHEMISTS. For chemists and other qualified students. (Full course.) Selected topics in algebra, advanced calculus, and mechanics, designed for prospective students of Quantum Chemistry.

2 hours. *Professor Morris*

Prerequisite: Mathematics 24, 37a, 37b.

HONOURS COURSES

Second Year

25. CALCULUS. (Full course.) Limits, derivatives, and integrals. Application of differentiation and integration to the solution of problems involving maxima and minima, rates, curvature, lengths of curves, areas, volumes of solids, centres of gravity, and similar problems. Theorems of Rolle and Taylor.

3 hours. *Professor Rosenthall*

Text: Sherwood and Taylor, *Calculus* (Prentice-Hall).

26. ANALYTIC GEOMETRY AND VECTOR ANALYSIS. (Full course). The plane analytic geometry of the straight line, circle, ellipse, parabola, hyperbola, confocal conics, the general equation of the second degree, polar coordinates, the line and plane in three dimensions, vector analysis.

3 hours *Professor Solin*

Texts: Brown and Manson, *Analytic Geometry* (Macmillan); Bell, *Coordinate Geometry of Three Dimensions* (Macmillan); Coffin, *Vector Analysis* (Wiley).

27a. ALGEBRA AND THEORY OF EQUATIONS. (Half course). Determinants, mathematical induction, properties of polynomials, partial fractions, synthetic division, complex numbers, including DeMoivre's theorem, elementary theory of equations, including the approximate solution of equations by Horner's method and the algebraic solution of the cubic and biquadratic.

First term: 3 hours *Professor Williams*

Third Year

31a. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS. (Physics 31a). (Half course). Dynamics of a particle in one and two dimensions, motion of pairs of particles, introduction to dynamics of rigid bodies, mass systems.

First term: 3 hours *Professor Terroux*

Texts: Lamb, *Statics*, and Lamb, *Dynamics* (C.U.P.);

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill).

31b. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS. (Physics 31b). (Half course). Central orbits, elements of rigid dynamics in two and three dimensions, Lagrange's equations with simple applications, oscillation about equilibrium positions.

Second term: 3 hours. *Professor Wallace*

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference Books: The books listed in 31a above.

32a. SOLID ANALYTIC GEOMETRY AND SPHERICAL TRIGONOMETRY. (Half course). Transformation of axes, the sphere, cone, central conicoids and paraboloids, plane sections, ruled surfaces of the second degree, confocal conicoids, the general equation of the second degree.

The spherical triangle, polar triangle, Napier's rules, solution of triangles; solid angles and areas, spherical excess.

First term: 3 hours *Professor Tate*

Texts: Bell, *Coordinate Geometry of Three Dimensions* (Macmillan); MacRobert and Arthur, *Spherical Trigonometry* (Methuen).

33. DIFFERENTIAL EQUATIONS AND ADVANCED CALCULUS. (Full course). Solvable types of ordinary differential equations, exact differentials, linear differential equations, singular solutions, introduction to solution by series, Fourier series, introduction to partial differential equations, systems of ordinary equations, partial differentiation, differentials, transformation of variables, Jacobians, mean value theorems with applications, indeterminate forms, line integrals, Green's and Stokes's theorems.

3 hours *Professor Rosenthall*

Texts: Franklin, *Methods of Advanced Calculus* (McGraw-Hill); Piaggio, *Differential Equations* (Bell and Sons).

34b. ANALYSIS I. (Half course). The real number system, continuous and discontinuous functions, derivatives and differentials, Riemann integration, introduction to infinite series.

Second term: 3 hours. *Professor Zassenhaus*

Text: G. H. Hardy, *Pure Mathematics* (C.U.P.).

38b. ELEMENTARY PROBABILITY AND MATHEMATICAL STATISTICS. (Half course). Averages, measures of dispersion, probability functions, the normal curve, comparison of distributions, correlation, sampling.

Second term: 3 hours. *Professor Fox*

Prerequisites: Mathematics 24 or 25, 26 or 36, 37a.

Texts: S. S. Wilks, *Elementary Statistical Analysis* (Princeton University Press).

39b. VECTOR METHODS. (Half course.) Differentiation of vectors, the hodograph, components of velocity and acceleration, space curves. Gradient of scalar fields, surfaces, normals, tangent planes. Vector fields, divergence and curl, Green's and Stokes's theorems, etc. Reduction of vectors into solenoidal and irrotational parts, the existence of potentials. Orthogonal curvilinear co-ordinates, notion of line element. Formulation of the equations of physics.

Second term: 3 hours. *Professor Fox*

Fourth Year

41. MATHEMATICAL PHYSICS (Physics 41) (Fac. Eng. 1390). (Full course.) Potential theory, conduction of heat, diffusion, vibration problems, acoustics, elasticity, theory of the origin of spectra, calculations in nuclear physics.

3 hours. *Professors Wallace and Foster*

Reference books: Joos, *Theoretical Physics* (Blackie), Page, *Introduction to Theoretical Physics* (Van Nostrand), Slater and Frank, *Introduction to Theoretical Physics* (McGraw-Hill), Houston, *Introduction to Mathematical Physics* (Longmans).

42. ALGEBRA. (Full course.) Number systems of algebra. Introductions to basic algebraic systems such as groups, rings, fields. Theory of matrices. Projective geometry. Linear algebras.

The first term of this course, designated as 42a, will be taken as a separate course by students in Honours Mathematics and Physics.

3 hours. *Professor Zassenhaus*

Texts: Birkhoff and MacLane, *Survey of Modern Algebra* (Macmillan).

Reference: Van der Waerden, *Moderne Algebra.*

43a. FINITE DIFFERENCES. (Half course). Finite differences, approximate integration, difference equations.

First term: 3 hours *Professor Tate*

Texts: W. E. Milne, *Numerical Calculus* (Princeton University Press). (*Not given in 1950-51.*)

44. ANALYSIS II. (Full course). Convergence of integrals, functions of bounded variation, theory of Fourier series and other infinite series, definition of analytic functions and their differentiation, Cauchy's integral formula, Taylor and Laurent series, residues; contour integration, special functions, e.g., gamma, Bessel, elliptic; conformal transformations, theorems of Mittag-Leffler and Weierstrass.

3 hours. *Professor Fox*

Texts: Copson, *Complex Variable;* Franklin, *Treatise on Advanced Calculus;* Whittaker and Watson, *Modern Analysis* (C.U.P.).

45a. PRACTICAL NUMERICAL ANALYSIS. (Half course.) Graphical differentiation and integration, smoothing of data and curve fitting, and numerical solution of algebraic differential equations, numerical solution of simultaneous linear equations, evaluation of determinants, characteristic roots, harmonic analysis, nomography.

First term: 3 hours. *Mr. Burrow*

46a. FLUID DYNAMICS. (Half course). The equations of motion, conservation of energy and circulation, the theory of images, complex potential and conformal transformation methods, especially solutions for vortex arrays and aerofoil theory, Stokes's stream function for three-dimensional solutions, the equations of viscous flow and boundary layer motion.

First term: 3 hours. *Professor Fox*

Texts: Milne-Thomson, *Hydrodynamics* (Macmillan); Ramsey and Besant, *Hydro-Mechanics* (C.U.P.).

46b. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. (Half course), Basic theory of electrostatics and steady current theory, using the theory of images and complex potentials; magnetism, magnetic effects of currents and electro magnetic induction, Maxwell's equations, reflection and refraction of waves; rectangular wave guide propagation; dipole radiation and antennae.

Second term: 3 hours

Text: Slater and Frank, *Electro-magnetism* (McGraw-Hill).

(*Not given in 1950-51.*)

48b. ADVANCED DYNAMICS. (Half course.) General formulation of Lagrangian dynamics, Hamiltonian equations. Least action principle. Canonical transformations. Poisson brackets. Hamilton-Jacobi theory. Introduction to special relativity in classical mechanics.

Second term: 3 hours. *Professor Jackson*

Text: Goldstein, *Classical Mechanics.*

49. MATHEMATICAL STATISTICS. (Full course). Binomial, Poisson, Lexis, and normal distributions; regression and correlation, simple sampling, beta and gamma distributions, chi-square, small samples, variance and covariance, multivariate distributions, nature of statistical hypotheses.

3 hours. *Professor* ———

Prerequisites: Mathematics 25, 26, 27a, 33, 38b.

Texts: Weatherburn, *Mathematical Statistics* (C.U.P.); Hoel, *Mathematical Statistics* (Wiley).

(*Not given in 1950-51.*)

SUMMARY OF ORGANIZED COURSES OF STUDY

The following courses of study are designed to give students the maximum opportunity of entering various fields in which mathematical training is fundamental. Attention is particularly called to opportunities in: research in Pure and Applied Mathematics; teaching in Universities and High Schools; applications to engineering, and the physical and biological sciences; statistical work in industry and government departments; actuarial work in insurance companies.

(a) Continuation Courses for the General Degree.

These are Courses 23a, 23b, 24 *or* 25, 36a, 36b, 37a, 37b, 38b, 28b, 43b. (See pages 1015, 1024.)

(b) General Degree with Special Distinction in Mathematics.

The prescribed courses are:

Second year: 25, 26.

Third Year: 27a, 33 and 34b or 38b or Physics 24.

Fourth Year: Any two Mathematics Honours courses of the Third and Fourth Years for which prerequisite requirements are satisfied.

This course of study may be conbined with any combination of other subjects which satisfy the normal requirements for the General Degree.

(c) Half-Honours in Mathematics.

The prescribed Mathematics Courses are those laid down in (b) above. In order to obtain Half-Honours in Mathematics, this course of study must be combined with Half-Honours in some other subject, e.g., Philosophy. (See page 1022.)

(d) Honours Course in Economics and Mathematics.

Second Year: Two approved full courses in Economics together with Mathematics 25, 26, and one elective course in any approved subject.

Third Year: Two approved full courses in Economics together with Mathematics 27a, 33, 38b.

Fourth Year: Two approved full courses in Economics together with Mathematics 42 and any other approved elective course which may be, if desired, a second Mathematics course selected with the approval of the Chairman of the Mathematics Department.

(e) Honours Course in Mathematics.

Prerequisite: High standing in first year Mathematics.

Second Year: 25, 26, 27a, and Physics 24.

Third Year: 32a, 33, 34b, and one other approved course in Mathematics.

Fourth Year: 42, 44, and one other approved course in Mathematics.

The other courses in the second year and one in each of the third and fourth years are to be selected with the approval of the Chairman of the Mathematics Department. Note that Mathematics 31 in prerequisite to Mathematics 46.

(f) Honours Course in Pure and Applied Mathematics.

Prerequisite: High standing in first year Mathematics and Physics.

Second Year: The same as (g) below.

Third Year: 31a, 31b, 32a, 34b, 45a, 39b. Physics 33a, 34, 35a.

Fourth Year: 41, 42, 44, 46a, 48b. Physics 42, 44, 45.

(g) Honours Course in Mathematics and Physics.

Prerequisite: High standing in first year Mathematics and Physics.

Regular Course

Second Year: Mathematics 25, 26, 27a. Physics 23, 24b, 25. One other approved course may be added as an extra.

Third Year: Mathematics 31, 32a, 33, 34b. Physics 32, 33, 34, 35a.

Fourth Year: Mathematics 41, 42a, 44, 46a, 48b. Physics 42 or Mathematics 46b, Physics 43, 44, 45.

Applied Mathematics Option

Second Year: As in regular course above.

Third Year: Mathematics 31, 32a, 33, 34b, 45a, 39b. Physics 33a, 34, 35a.

Fourth Year: Mathematics 41, 42, 44, 46a, 48b. Physics 42, 44, 45.

Students intending to proceed later with advanced or graduate training in Meteorology may, with the approval of the departments concerned, substitute course 44, Meteorology, in the Department of Geography (see page 1082) instead of one full or two half courses in fourth year Mathematics.

It is recommended that a reading knowledge of scientific French and German be acquired before the end of the Fourth Year, in courses (*e*), (*f*), and (*g*) above.

(h) Engineering Physics.

This course, leading to a B.Eng. degree, is fully described in the Announcement of the Faculty of Engineering.

See also Engineering option in Honours Mathematics and Physics, as given on page 1120.

(i) Courses in the Faculty of Engineering.

These are described in detail in the Announcement of the Faculty of Engineering.

MEDAL

Attention is drawn to the Ann Molson Gold Medal, awarded annually.

GRADUATE COURSES IN PURE AND APPLIED MATHEMATICS

Organized courses of study are available for graduate work leading to a Master's degree. Details are available in the Announcement of the Faculty of Graduate Studies and Research.

MUSIC

DEAN DOUGLAS CLARKE AND STAFF

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The following courses may be taken as electives in the Faculty of Arts and Science. The first course of Music is for those who have offered Music as a Matriculation subject.

1. FIRST COURSE. (Full course)

(*a*) *Harmony.*

One hour.

The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Texts: MacPherson, Rudiments of Music; Kitson, Elementary Harmony, Part I.

(b) *Form and Analysis.*

One hour.

Phrase, sentence, sequence, cadence, accent, rhythm, time, melody. Modulation. Early dance forms. Suites—with special consideration of the Minuet and Trio.

Texts: MacPherson, Form in Music; MacPherson, Studies in Phrasing and Form; R. O. Morris, Structure of Music.

(c) *History* (*outline*).

One hour.

Texts: Stanford & Forsyth, A History of Music; Finney, A History of Music; Nef, A History of Music.

(d) *Aural Training.*

One hour.

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; quality of tone.

Text: B. C. Allchin, Aural Training (Novello).

2. SECOND COURSE. (Full course)

(a) *Harmony.*

One hour.

The work covered is that required for the Senior Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Texts: MacPherson, Rudiments of Music, Practical Harmony; Kitson, Elementary Harmony, Part II.

(b) *Form and Analysis.*

One hour.

Sonata form, sonato rondo form, standard type of classical sonatas, quartets, symphonies. The overture.

Texts: In addition to books on Form recommended for First Year: Tovey, Essays in Musical Analysis; Tovey, A Companion to Beethoven's Pianoforte Sonatas.

(c) *History (1600-1900).*

One hour.

Texts: Colles, Growth of Music; Fellowes, The English Madrigal. Scholes, Listeners' History of Music, Part III.

General reading: Parry-Williams, A Music Course; Finney, A. History of Music; Parry, Evolution of the Art of Music; Lang, Music in Western Civilization.

(d) *Aural Training.*

One hour.

Detecting major and minor chords, diminished and augmented triads; Dominant 7ths. Dictation, with modulation to neighbouring keys. Sight reading in two and three parts. Chromatic intervals.

Text: B. C. Allchin, Aural Training.

3. THIRD COURSE. (Full course)

(a) *Harmony and Counterpoint.*

One hour.

Harmony—Vocal in three and four parts, up to chords of major and minor ninth and secondary sevenths, including the use of suspensions and passing notes (harmonizing of melodies and figured and unfigured bass, the completing of a harmonic sentence from a given pattern).

Texts: Macpherson, Melody and Harmony; Buck, Unfigured Harmony.

Counterpoint—In two parts; up to, and including 5th Species.

Texts: Gladstone, Strict Counterpoint; Kitson Counterpoint for Beginners; Pearce, Students' Counterpoint.

(b) *Form and Analysis.*

One hour.

Origin, development of the Fugue. Analysis of some of the "48" and better known organ fugues. Comparison of fugues by various composers.

Texts: Gray, Bach's Forty-eight; Macpherson, Bach's Forty-eight (A Commentary); Prout, Fugue.

(c) *History (earliest times up to 1600).*

One hour.

Texts: Madeley Richardson, The Mediaeval Modes; Parry, The Art of Music; Dyson, The Progress of Music; Bacharach, The Musical Companion; Parry, Summary of Musical History; Walker, History of Music in England; Reese, Music in the Middle Ages; Sachs, The Rise of Music in the Ancient World, East and West; Boyd, Elizabethan Music and Music Criticism.

(d) *Chamber and Orchestral Music, Opera and Score Reading.*

One hour.

Chamber music and its development. Music for viols. The string quartet. Opera. History of the development of the orchestra. Haydn's orchestra. Beethoven's orchestra. Description of orchestral instruments. The symphony. (The phonograph will be used.)

Texts: Dunhill, Chamber Music; Dunhill, Mozart's String Quartets; Tovey, Essays in Analysis (Vol. I); Dent, Opera; Terry, The Music of Bach; Dickenson, Mozart's Last Three Symphonies (Pilgrim); Gordon Jacob, How to Read a Score.

4. FOURTH COURSE. (Full course)

(a) *Harmony.*

One hour.

Instrumental, in three and four parts. Figuration.

Text: Morris, Foundations of Practical Harmony and Counterpoint.

(b) *Counterpoint.*

One hour.

Strict (covering all species) up to three parts. Answers to fugue subjects. Fugal exposition in two parts.

Texts: Madeley Richardson, Fundamental Counterpoint; Higgs, Fugue; Prout, Fugue; Madeley Richardson, Helps to Fugue Writing.

(c) *History (modern).*

One hour.

Texts: Nef, An Outline of the History of Music; Ewen, From Bach to Stravinsky; Bauer, Twentieth Century Music; McNaught, Modern Musicians; Dyson, The New Music; Lambert, Music Ho!; Copland, Our New Music.

(d) *Form and Analysis.*

One hour.

Analytical study of great works.

Texts: Various publications in the Musical Pilgrim Series, (Oxford University Press); Tovey, Essays in Musical Analysis; Vaughan Williams, National Music; Tovey, A Companion to Beethoven's Sonatas; Markham Lee, Brahms' Orchestral Works; Harrison, Brahms and his Four Symphonies; Dyson, The New Music.

(e) *Orchestral and Chamber Music Repertoire* (with gramophone).

One hour.

Critical listening. Extended Chamber Music with solo instruments and advanced study of orchestral repertoire.

Texts: Forsyth, Orchestration; Tovey, Essays in Music Analysis, Vols. 1 to 5; Colles, The Chamber Music of Brahms (Pilgrim).

PHILOSOPHY

Professors	R. D. MACLENNAN, *Chairman*
	RAYMOND KLIBANSKY
Visiting Professor	GUIDO CALOGERO
Associate Professor	T. G. HENDERSON
Assistant Professor	CECIL CURRIE
Lecturer	W. N. A. CHIPMAN

GENERAL COURSES

1. INTRODUCTION TO PHILOSOPHY. Second year. (Full course). Special weekly conference groups will be held under the direction of Professors Calogero, Currie, and Henderson with assistants.

An introduction to the chief problems of Philosophy in connection with their development in Greek and more especially in modern times. Preparatory reading in Dickinson, The Greek View of Life, William James, Selected Papers on Philosophy, and Bertrand Russell, Problems of Philosophy, will be found helpful.

Prescribed reading: Dialogues of Plato (Modern Library); *Descartes, Berkeley, Hume;* Stebbing, *A Modern Elementary Logic* (Methuen).

Lectures: 2 hours *Professor Maclennan*

2. ETHICS. Second year. (Full course).

The main types of ethical theory.

Reading: Plato's *Republic* (Golden Treasury); Butler's *Fifteen Sermons* (Matthews, Bohn Library, Bell); Hobbes, *Leviathan*, and Mill, *Utilitarianism* (Everyman Library); Kant, *Fundamental Principles of the Metaphysics of Morals* (T. K. Abbot, Longmans); Leon, *Ethics of Power.*

3 hours. *Professor Maclennan*

3. LOGIC AND SCIENTIFIC METHOD. (Full course).
First term: the general principles of Logic, both Formal and Inductive.

Second term: the modern extension of the scope of Logic, including such subjects as verification and the theory of probability, and an examination of the methods of reasoning employed in certain sciences. The course concludes with a discussion of some of the logical and philosophical issues of contemporary science.

3 hours.

Reading: J. N. Keynes, *Formal Logic* (Macmillan); L. S. Stebbing, *A Modern Introduction to Logic* (Methuen); Cohen and Nagel, *An Introduction to Logic and Scientific Method* (Harcourt, Brace); J. M. Keynes, *Treatise on Probability* (Macmillan); J. Cook Wilson, *Statement and Inference.*

Prerequisite: Philosophy 1, except for recommended students of science.

4. AESTHETICS. (Full course). A philosophical analysis of the following problems arising out of aesthetic experience: the relation of aesthetic experience to daily life, science, and moral principles; the nature of art; the materials, forms, and expressive functioning of objects selected from various arts (including poetry); criteria of artistic style, quality, truth, and greatness.

3 hours *Professor Henderson*

Prerequisite: At least one full course in philosophy. With the consent of the lecturer, special students may be permitted to take this course without this requirement being fulfilled.

Text-book: T. M. Greene, *The Arts and The Art of Criticism* (Princeton University Press).

Reference-books: John Dewey, *Art As Experience* (Minton, Balch & Co.); George Santayana, *The Sense of Beauty* (Scribner's) and *Reason in Art* (Scribner's); David Prall, *Aesthetic Judgment* (Crowell) and *Aesthetic Analysis* (Crowell); R. G. Collingwood, *The Principles of Art* (Oxford).

HISTORICAL

5. GREEK PHILOSOPHY. Third and Fourth years. (Full course). The theory of knowledge and metaphysics of Plato and Aristotle, with special reference to Plato's *Phaedo, Symposium, Republic* (Books V-VII), *Theaetetus,* and *Timaeus;* and Aristotle's *Physics, Metaphysis, De Anima,* and *Poetics.*

3 hours *Professor Henderson*

Prerequisite: Philosophy 1 or 2, except for students in Honours courses in Greek.

Reading: The Works of Plato (Modern Library); *Timaeus* (Loeb Classical Library); *TheBasic Works of Aristotle* (Random House).

6. MODERN PHILOSOPHY. (Full course). The main problems of modern philosophy from Descartes to the present day.

3 hours *Professor Currie*

Prerequisite: Philosophy 1.

Reading: Selections from Descartes (Scribner); Selections from Hume (Scribner); Kant, *Prolegomena to any Future Metaphysic* (Open Court); Selections from Hegel (Scribner); Spencer, *First Principles* (The Thinker's Library); Bergson, *Creative Evolution* (Modern Library).

7. MEDIAEVAL PHILOSOPHY. (Full course). Main problems of mediaeval philosophy in their development from St. Augustine to the Fifteenth Century, with special reference to Boethius, Scotus Eriugena, Anselm, Abailard, the School of Chartres, St. Thomas, Master Eckhart, Duns Scotus, William of Ockham, and Nicholas of Cues.

Reading: St. Augustine, *Confessions* (Loeb Library), and *City of God* (Everyman Library, London 1945); selections from *Mediaeval Philosophers, vols. I-III* (Modern Student's Library, Scribner's).

Prerequisites: Philosophy 1 and 5; or consent of lecturer.

SYSTEMATIC AND ADVANCED COURSES

8. ETHICS AND PHILOSOPHY OF POLITICS. (Full course).

Reading: Plato, *Crito, Gorgias, Republic, Statesman;* Aristotle, *Ethics* and *Politics;* Thomas Aquinas, selected portions from the *Summa Theologica* and the *Summa contra Gentiles;* Machiavelli, *The Prince* and *Discourses* (New York 1940); Locke, *The Second Treatise of Civil Government,* and *A Letter on Toleration* (Oxford 1946); Kant, *Perpetual Peace;* Hegel, *Philosophy of History* (Scribner) and *Philosophy of Right* (Oxford 1942); Mill, *On Liberty* and *Considerations on Representative Government* (Oxford 1946); M. Oakeshott, *The Social and Political Doctrines of Contemporary Europe* (Cambridge 1944).

3 hours *Professors Calogero and Klibansky*

Prerequisite: Philosophy 2. Honours students from other departments may be admitted with the consent of the lecturers.

9. PROBLEMS OF LOGIC, EPISTEMOLOGY, AND METAPHYSICS. (Full course). An examination of fundamental problems of logic, theory of knowledge, and metaphysics will be made on the basis of selected readings in the

works of Mill, Bosanquet, Stebbing, Russell, Joachim, Santayana, Husserl, Whitehead, and other contemporary authors.

3 hours *Professors Henderson and Klibansky*

Prerequisites: Philosophy 1, 3 or 5, and 6.

10. SEMINAR ON THE PHILOSOPHY OF KANT. (Full course).

3 hours *Professor Currie*

Reading: Kant, *Critique of Pure Reason* (trans. Kemp Smith), *Critique of Practical Reason.*

Prerequisites: May be taken by students in good standing in Philosophy with the consent of the lecturer.

11. SEMINAR ON PHILOSOPHY—I. (Full course).

3 hours. *Professors Currie, Henderson, and Maclennan, and Mr. Chipman*

Subject for 1950-51: Ethics.

Weekly discussion of central problems of Ethics with special reference to Aristotle, Hume, Kant, Moore, and contemporary writings.

Prerequisites: See note following course 12.

12. SEMINAR ON PHILOSOPHY—II. (Full course).

3 hours *Professors Calogero and Klibansky*

Subject for 1950-51: Philosophy of History.

Reading: C. B. Vico, *The New Science* (Ithaca 1948); Hegel, *Philosophy of History* (Scribner); J. G. Droysen, *Grundriss der Historik* (trans. Boston 1897); J. Burckhardt, *Reflections on History* (London & New York 1943); B. Croce, *Various writings on philosophy and history;* R. G. Collingwood, *The Idea of History* (Oxford 1946); R. Klibansky & H. J. Paton (edd.), *Philosophy and History* (Oxford 1936); M. R. Cohen, *The Meaning of Human History* (Open Court, 1947).

Prerequisites: The above seminar courses are open to Fourth Year Honours and Graduate students; or may be taken with special consent of the lecturer.

HONOURS COURSES

Full Honours students will take at least the following courses:

Second Year: Philosophy 1, (2).

Third Year: Philosophy, 2, 3, 5, and 6.

Fourth Year: Philosophy 8, 9, and 10.

Full Honours students are advised to take Philosophy 1 and 2 in the Second Year.

For any combined Honours Course, a total of five full courses including Philosophy 1. Such subjects as Mathematics, Literature, History, or a social science are recommended for combined honours.

At the conclusion of the Fourth Year, there is a comprehensive examination on the total work done in the field of Philosophy, which will take the place of examinations in the courses of that year. For full Honours students the examination will consist of three papers; one in the history of philosophy, one in ethics, and one in systematic Philosophy (logic, epistemology, and metaphysics). Students pursuing a combined honours course will take two of the papers, the selection being made in accordance with the combined subject-matter of their course of study. The examination will presume a knowledge of the major classical works in each of these fields, some of which may not be dealt with in any lecture course or seminar.

CONTINUATION COURSES

Students interested in studying Philosophy in conjunction with other subjects are advised to take their courses in Philosophy in the sequences indicated below in connection with the other studies.

1. Philosophy with one or more studies in the social sciences, e.g., economics, history, politics, psychology and sociology:

Philosophy 1, Philosophy 2, Philosophy 8, Philosophy 5.

2. Philosophy, with one or more studies in the natural sciences, e. g., biochemistry, botany, chemistry, genetics, physics, zoology:

Philosophy 1, Philosophy, 3, 6, or 9.

3. Philosophy with studies in English or Foreign Literature:

Philosophy 1, Philosophy 2, Philosophy 4 or 6.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

PHYSICS

Professors	A. Norman Shaw, *Chairman*
	J. Stuart Foster
	G. A. Woonton
Associate Professors	J. S. Marshall
	E. R. Pounder
	F. R. Terroux
	H. G. I. Watson
	C. H. Westcott
Assistant Professor	Anna I. McPherson
Lecturers	M. L. de Angelis
	K. L. S. Gunn
	Arne Henrikson
	Sydney Wagner
Sessional Lecturer	J. A. Carruthers

FIRST YEAR COURSES*

11. General course (Fac. Eng. 1311). (Full course). A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work, and numerical examples.

3 hours† *Mr. Wagner, and Mr. Henrikson*

Laboratory (11L): 2 hours *Professor McPherson and Demonstrators*

Texts: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath & Co.); *An Elementary College Course in Experimental Physics* (Renouf Publishing Co.).

12. Outline of physics—introductory general course. (Full course). An introductory general course covering all the major branches of physics in a non-technical manner The use of mathematics is kept to a minimum and the emphasis is on general principles rather than on facility to do problems.

(*Open to B.A., B.Com., Physical Education, and Physiotherapy students.*)

3 hours (also laboratory) *Mr. Gunn and Demonstrators*

Texts: Howe, *Introduction to Physics* (McGraw-Hill); *An Elementary College Course in Experimental Physics* (Renouf).

Reference book: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath).

*These courses (11 or 12) may be taken in the second or third years by *B.A.* or *B.Com.* Students provided that their time-tables permit.

†Voluntary tutorials are provided to assist students in Physics II.

SECOND YEAR COURSES*

21. GENERAL COURSE. (Full course.)† A second course in general physics suitable for general arts and science, biological honours, and pre-medical students who are not intending to proceed further with physics. The course covers in a more advanced way the fields indicated for course 11, and includes references to the applications of physics in biological and other fields.

3 hours. *Professor Westcott*

Laboratory (21L): 3 hours. *Demonstrators*

Prerequisite: Physics 11.

Text: Mendenhall, Eve, Keys and Sutton, *College Physics* (Heath & Co.): *Laboratory Manuscripts*, (mimeographed).

22. (*a*) HEAT (Fac. Eng. 1320), (*b*) LIGHT AND SOUND (Fac. Eng. 1322). (Full course).

(*a*) Calorimetry, heat transfer, change of state, critical state, hygrometry, engines, elementary kinetic theory, and thermodynamics.

(*b*) Illumination, reflection, refraction, interference, nature and velocity of light, optical apparatus, vision, spectroscopy, polarimetry. Nature and velocity of sound, pitch, loudness, quality, wave analysis, interference, resonance, vibrations, instruments, hearing. Emphasis on demonstrations, applications, and problems.

3 hours *Professor Marshall*

Laboratory (22L): 2 hours
Professors Terroux and McPherson and Demonstrators

Prerequisite: Physics 11.

(If desired, the course on Heat (22a) given in the first term or the course on Light and Sound (22b) given in the second term may each be taken as a half course.)

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†Attention is drawn to the third year course, Physics 30, which is recommended instead of Physics 21 for students who have studied calculus, or propose to study it in their second year. Students intending to proceed with more advanced physics later should choose 22, 23, and 35d during their second, third, and fourth years, omitting 21 and 30.

*Courses 21, 22, 23, 24 or 25 may be taken by *B.A.* or *B.Sc.* students (general course) in their third year provided that their time-tables permit. Courses 23, 24, or 25 may be taken by *B.A.* students in their fourth year provided that their time-tables permit.

Texts: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath); Marshall, *Heat, Light, and Sound* (McGill Physics Department); *Heat, Light, and Sound Laboratory Manual* (Renouf Publishing Co.).

Reference book: Noakes, *A Text-book of Heat* (Macmillan).

23. ELECTRICITY AND MAGNETISM. (Fac. Eng. 1340, 1344). (Full course). The fundamentals of magnetism, electrostatics, current electricity, electromagnetic induction, electrodynamics, theory of simple circuits, elementary electronics. Demonstrations, applications, and numerical examples are emphasized. The laboratory course is essential and complementary to the lectures, illustrating main principles and providing a thorough introduction to the theory and use of common electrical apparatus.

2 hours and one tutorial* *Professors Watson and Pounder*

Laboratory (23L): 3 hours *Professor Pounder*
Mr. Henrikson, Mr. de Angelis, and Demonstrators

Prerequisite: Physics 11. Mathematics 24 or 25 to be taken concurrently.

Texts: Mendenhall, Eve, Keys and Sutton, *College Physics* (Heath); Ward, *Introduction to Electrical Engineering* (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H.M. Stationery Office); Page, *Lessons in Electricity* (Macmillan); Brown, *Electricity and Magnetism* (Holt); Starling, *Electricity and Magnetism* (Longmans Green).

24b. DYNAMICS. (Half course). Kinematics, vectors, motion under gravity, laws of motion, applications, impulse, work and energy in linear motion and rotation, projectiles, collision of elastic bodies, normal accelerations, simple harmonic motion, wave motion, pendulum, moments of inertia. Students are required to work a large number of problems. (Elementary applications of calculus are included.)

Prerequisite: Physics 11.

Text: Loney, *Statics and Dynamics* (C.U.P.).

Second term: 3 hours *Professor Terroux*

25. STATICS AND HYDROSTATICS. (Half course). Composition and resolution of forces, funicular polygon, conditions of equilibrium of a rigid body acted on by forces in one plane, centre of gravity, simple machines,

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*In the case of Honours students, the tutorials are replaced by supplementary lectures (23S) on the more advanced parts of this course, including, in particular, the properties of electric and magnetic fields. (No examination is required on this part of the course.)

friction, elastic strings, virtual work. Fluid pressure, determination of specific gravity, equilibrium of floating bodies. Solutions of numerous graphical and numerical problems required.

First term: 1 hour. Second term: 2 hours. *Professor Pounder*

Prerequisite: Physics 11.

Text: Loney, *Statics and Dynamics* (C.U.P.).

26. THE PHYSICS OF PHYSIOTHERAPY. (Half course). A special course for physiotherapy students, dealing particularly with the physics of the theory and use of physiotherapeutic apparatus.

1 hour throughout the session. *Professor McPherson*

Prerequisite: Physics 11 or Physics 12.

Reference book: Mendenhall, Eve, Keys, and Sutton *College Physics* (Heath); Osborne and Holmquest, *Technic of Electrotherapy* (Thomas).

THIRD YEAR COURSES*

30. GENERAL COURSE. (Full course.) A second course in physics alternative to course 21, but more advanced and making use of elementary calculus. This course, like 21, is designed for students who are unlikely to take further courses in the subject. The applications of Physics to the biological sciences are treated as fully as the time available permits.

3 hours. *Professor Westcott*

Laboratory (30L): 3 hours. *Demonstrators*

Prerequisites: Physics 11 and Mathematics 24 or 25. (It is recommended that Chemistry 24 be taken before or concurrently with this course.)

Texts: Perkins, *Basic College Physics*, Prentice-Hall: *Laboratory Manuscripts*, (mimeographed).

(*Note:* This course cannot be taken for additional credit by students who have already taken Physics 21.)

31. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS. (Mathematics 31.) (Fac. Eng. 1368). (Full course).

(*a*) Dynamics of a particle in one and two dimensions, motion of pair of particles, introduction to dynamics of rigid bodies, mass systems.

First term: 3 hours. *Professor Terroux*

Texts: Lamb, *Statics* (C.U.P.); Lamb, *Dynamics* (C.U.P.).

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill).

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*Courses 30 to 35 may be taken by qualified general course students in the fourth year, if time-table permits.

(*b*) Central orbits, elements of rigid dynamics in two and three dimensions, Lagrange's equations with simple applications, oscillations about equilibrium positions.

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference books: The books listed in (*a*) above.

Second term: 3 hours. *Professor Fox*

Prerequisite to both parts: Physics 24, 25 and Mathematics 25.

32. PROPERTIES OF MATTER. (Fac. Eng. 1366). (Half course). In both lectures and laboratory emphasis is placed upon the following subjects: the constant of universal gravitation, acceleration due to gravity, determination of moments of inertia, bifilar suspension, compound and ballistic pendulums, elasticity and the determination of elastic moduli, viscosity of liquids and gases, surface tension.

1 hour: laboratory (32L): 3 hours *Professor Westcott*

Prerequisite: Physics 11, 24, 25; Mathematics 24 or 25.

Text: Newman and Searle, *General Properties of Matter* (E. Benn Co.).

Reference book: Champion and Davy, *Properties of Matter* (Blackie).

33. ELECTRICAL MEASUREMENTS. (Fac. Eng. 1384, 1386). (Full course, or two half courses). This course is divided into two distinct parts, namely 33M, ELECTRICAL MEASUREMENTS (1 hour lecture, 3 hours laboratory), and 33E, ELECTRONICS (1 hour lecture and 2 hours laboratory). Each part may be taken separately throughout the session as a half course.

(33M). D-C. instruments and measurements, galvanometer theory, instrument calibration; A-C. circuit theory, operational methods, applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

(33E). Theory and application of electronic devices and circuits, elementary radio-engineering.

2 hours: laboratory (33L), 5 hours. *Professor Watson and Mr. de Angelis*

Prerequisite: Physics 23.

Reference books: Law, *Electrical Measurements* (McGraw-Hill); Hague, *Alternating Current Bridge Methods* (Pitman, London); Harnwell, *Principles of Electricity and Electromagnetism* (McGraw-Hill); Campbell and Childs, *The Measurement of Inductance, Capacitance, and Frequency* (Macmillan); Kruft Laboratory Staff, *Electronic Circuits and Tubes* (McGraw-Hill); Terman, *Radio Engineering* (McGraw-Hill); Reich, *Theory and Application of Electron Tubes* (McGraw-Hill).

34. ADVANCED HEAT. (Fac. Eng. 1342). (Full course). Precision thermometry (for low, intermediate, and high temperatures), calorimetry, measurement of fundamental thermal variables, measurement and theory of transfer of heat (by conduction, convection, and radiation), change of state, equations of state, elements of kinetic theory, physical basis and mathematics of thermodynamics, thermal equilibrium of systems, engineering applications.

2 hours: Laboratory† (34L) *Professor Shaw*

Prerequisite: Physics 22a and Mathematics 25.

Text: Roberts, *Heat and Thermodynamics* (Blackie).

Reference books: Zemansky, *Heat and Thermodynamics* (McGraw-Hill); Lewis and Randall, *Thermodynamics* (McGraw-Hill); Worthing and Halliday, *Heat* (Wiley).

35a. ELECTRON PHYSICS*. (Fac. Eng. 1362). (Half course). Charge and mass of the electron. The electron as a constituent of matter: atomic structure; electrons in metals and insulators. Liberation of electrons from matter; thermionic emission, secondary emissions, photoelectric emission, ionization processes, electrical discharges in gases. Control of free electrons: electron ballistics, electron optics. Wave characteristics of the electron; electron diffraction. Applied electronics: cathode-ray oscillograph, X-ray tubes, electron microscope, radio-tubes.

Prerequisite: Physics 23.

Reference books: Crowther, *Ions, Electrons, and Ionizing Radiations* (Arnold); Millman and Seely, *Electronics* (McGraw-Hill); Elect. Eng. Staff, M.I.T., *Applied Electronics* (Wiley); Hoag, *Electron and Nuclear Physics* (Van Nostrand).

First term: 2 hours. *Professors Chipman and Pounder*

(See footnote * concerning the division of this class into two sections.)

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†34L is included in 33L and 43L. Subject to confirmation each session, the Department of Mining and Metallurgy arranges for students in Physics 34L to do additional practical tests in the Metallurgical Laboratory. (This arrangement will not be feasible in the session 1950-51.)

*Course 35a will be divided into two sections in the session 1950-51, —one section for general course students in Arts and Science and in Electrical Engineering,—the other section for Honours students in Mathematics and Physics, and for Engineering Physics students in Engineering.

FOURTH YEAR COURSES

41. MATHEMATICAL PHYSICS (Mathematics 41). (Fac. Eng. 1390). (Full course). Selected topics in potential theory, conduction of heat, diffusion, vibration, acoustics, elasticity. Twelve lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

Prerequisite: Mathematics 33.

Reference books: Houston, *Introduction to Mathematical Physics* (Longmans): Page, *Introduction to Theoretical Physics* (Van Nostrand); von Karman and Biot, *Mathematical Methods in Engineering* (McGraw-Hill); Margenau and Murphy, *The Mathematics of Physics and Chemistry* (McGraw-Hill).

3 hours *Professors P. R. Wallace and Foster*

42. ELECTROMAGNETIC THEORY. (Fac. Eng. 1388). (Half course). Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials, electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics; skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

Prerequisite: Physics 23 and Mathematics 33.

Text: Slater and Frank, *Electromagnetism*, (McGraw-Hill).

Reference book: Ramo and Whinnery, *Fields and Waves in Modern Radio* (Wiley).

First term: 1 hour. Second term: 2 hours. *Professor Woonton*

43. ATOMIC PHYSICS. (Fac. Eng. 1382.) (Full course.) Review of classic experiments of atomic physics, determination of physical properties and constants of atoms, ions, and electrons, mass-spectrograph, elements of thermionics and photo-electricity, X-ray analysis, cosmic rays, atomic structure, radiation absorption and emission, advent of quantum theory and wave-mechanics, philosophical problems in modern physics.

NOTE:—*The first half of this course, 43a, may be taken as a half-course.*

Prerequisite: Physics 35a; Physics 44b to be taken concurrently.

Text: Crowther, *Ions, Electrons, and Ionizing Radiations* (E. Arnold).

Reference books: Richtmeyer, *Introduction to Modern Physics* (McGraw-Hill); Strong, *Procedures in Experimental Physics* (Prentice-Hall); Brown, *Foundations of Modern Physics* (Wiley); Hull, *Survey of Modern Physics* (Macmillan); Stranathan, *The Particles of Modern Physics* (Blakiston).

2 hours; Laboratory (43L), 3 hours. *Professors Shaw and Marshall*

44b. RADIOACTIVITY. (Fac. Eng. 1392.) (Half course.) The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations, methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons, and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours; Laboratory (44L), held with 43L, second term.

Professor Terroux

Prerequisite: Physics 35.

Reference books: Rutherford, Chadwick, and Ellis, *Radiations from Radioactive Substances* (C.O.P.); Hevesy and Paneth, *A Manual of Radioactivity* (C.U.P.); Cork, *Radioactivity and Nuclear Physics* (Van Nostrand); Lapp and Andrews, *Nuclear Radiation Physics* (Prentice-Hall).

45. ADVANCED LIGHT. (Fac. Eng. 1364.) (Full course.) The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum analysis, determination of fine structure of spectral lines, Zeeman effect, theory and use of optical apparatus (e.g., glass and quartz spectrographs, Lummer plates, interferometers and polarimeters).

2 hours: Laboratory (45L), 3 hours *Professor McPherson*

Prerequisite: Physics 11, Mathematics 23.

Reference books: Robertson, *Physical Optics* (Van Nostrand); Wood, *Physical Optics* (Macmillan); Jenkins and White, *Fundamentals of Physical Optics*, (McGraw-Hill). Hardy and Perrin, *The Principle of Optics*, (McGraw-Hill).

46a. ASTROPHYSICS. (Half course). Elementary review of the determination of the positions, sizes, motions and temperatures of the stars. Spectroscopy as applied to the problems of astrophysics. Practice measurements and analysis of typical stellar spectrograms.

First term: 2 hours; Laboratory (47L): 2 hours.

Prerequisite: Physics 11.

Reference books: Russel, Dugan and Stewart, *Vols. I, II, Astronomy* (Ginn); Aitken, *The Binary Stars* (Univ. of California Pub.).

(*Not offered in 1950-51.*)

47b. APPLIED GEOPHYSICS. (Fac. Eng. 1360). (Half course). An introduction to geophysical methods of prospecting and of investigating subsurface structure. The theories, the uses, and the limitations of various magnetic, electrical, gravitational, and seismic methods are explained and compared. The practical operation of the instruments is reviewed,

and actual field results are obtained and analysed. When possible, students will be given some practical experience in the field.

Second term: 2 hours *Professor Watson*

Prerequisite: Physics 23.

Text: Eve and Keys, *Applied Geophysics, 2nd edition* (Cambridge Univ. Press).

Reference book: Heiland, *Geographical Exploration* (Prentice-Hall).

HONOURS COURSE IN MATHEMATICS AND PHYSICS

Prerequisite: High standing in first year Mathematics, Physics 11 or 21 or 22. First Year students intending to take this Honours course are advised to take Physics 22 and Mathematics 13, if their time table permits; in this case they should also attend that part of Physics 11 which deals with electricity and magnetism.

Second Year: Mathematics 25, 26, 27a; Physics 23, 24b, 25. (One other approved course may be added as an extra.)

Third Year: Mathematics 32a, 33, 34b; Physics 31, 32, 33, 34,35a.

Fourth Year: Mathematics 41*, 42a, 44, 46a; Physics 42, 43, 44, 45.

Third and Fourth Year Honours students are advised to attend the Physical Society and colloquia.

It is recommended that a reading knowledge of scientific French and German should be obtained before the end of the Fourth Year.

OPTIONS IN THE HONOURS COURSE

(1) Applied Mathematics Option

Second Year: (As indicated above.)

Third Year: Mathematics 32a, 33, 34b, 39b, 45a; Physics 31, 33M, 34, 35a.

Fourth Year: Mathematics 41, 42a, 42b, 44, 46a, 48b; Physics 42, 44b, 45.

(NOTE:—Physics 31 = Mathematics 31; and Physics 41 = Mathematics 41.)

(2) Engineering Option

Subject to the approval of the Chairmen of the Departments of Physics, Mathematics, and Electrical Engineering, Honours students in Mathematics and Physics who desire some training in Engineering may substitute Electrical Engineering courses 460 and 462 for Physics 32 and 33 in the third year; these two courses would then be taken in their fourth year instead of one full or two half Mathematics courses. The summary of the courses for students taking this option would then be as follows:

*Mathematics 41 = Physics 41.

Third Year: Mathematics 32a, 33, 34b; Physics 31, 34, 35; Electrical Engineering 460, 462.

Fourth Year: Mathematics 41, 44; Physics 32, 33, 42, 43, 44, 45.

A student taking this option is eligible to receive the B.Sc. degree with Honours in Mathematics and Physics, and in a fifth year he may proceed towards an M.Sc. degree by taking further courses in Physics and Electrical Engineering.

NOTE:—*The above option corresponds to the course formerly known as the Engineering Physics division of the Honours Course in Mathematics and Physics. See the Announcement of the Faculty of Engineering for data concerning the course in Engineering Physics now offered to students in Engineering.*

(3) Meteorology Option

Students intending to proceed later with advanced or graduate training in Meteorology, may, with the approval of the departments concerned, substitute Geography 44 (Meteorology) (see page 1082) for one full or two half courses in fourth year Mathematics. (Unless otherwise arranged, and also approved by the Mathematics Department, Mathematics 44 would be retained as in the Engineering option given above, but Geography 44 would be taken in the fourth year and there would be no change in the third year.)

(4) Other Options

Subject to the approval of the departments concerned, other alternative options may be substituted, as in the case above, for one of the Mathematics courses.

CONTINUATION COURSES

Second Year: Physics 22 or 21*, or other courses as listed for the third year, below, by special permission.

Third Year: Physics 23, (24b, 25) or other courses, by departmental permission.

Fourth Year: Physics (32, 35a), (43a, 44b), (35a, 47b), (35a, 44b).

Students selecting Physics as a Continuation Subject must also select Mathematics 24 or 25, and later 37a and 37b.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

*In the case of students taking physics as a continuation subject, Course 21 may be chosen only when time-table limitations prevent the choice of Course 22 or 23 or (24b and 25).

PHYSIOLOGY

Joseph Morley Drake Professor	F. C. MacIntosh, *Chairman*
Professor	A. S. V. Burgen
Associate Professors	B. Delisle Burns
	Norris Giblin
Assistant Professors	Simon Dworkin
	Kathleen G. Terroux
Lecturer	A. L. Johnson
Hosmer Fellow	Peter Oborin
Demonstrator	Helen Henrikson

21. HUMAN BIOLOGY. (Full course.) A concise account of the structure and function of the human body, given jointly by the Departments of Anatomy Biochemistry, and Physiology. For second and third year Arts and Science students, third year students in Physical Education, and students in the School of Physiotherapy and the School for Graduate Nurses.
Three hours.

Prerequisites: Chemistry 11, Physics 11, Zoology 11b, and Chemistry 22 (the last named course may be taken concurrently). This course does not serve as prerequisite for further courses in Physiology or for Biochemistry 31: for these Physiology 22 is required.

Texts: Best and Taylor, The Living Body; Williams, Anatomy and Physiology.

22. ELEMENTARY PHYSIOLOGY. (Full course.) For second and third year Arts and Science students. A general account of physiology, combined with an introduction to basic physiological techniques, intended primarily for students who will specialize in one of the biological sciences.
Two hours lecture and three hours laboratory.

Prerequisites: Chemistry 11, Physics 11, Zoology 11b, Chemistry 22, and Zoology 21 (the last two may be taken concurrently with Physiology 21).

Text: Amberson and Smith, Outline of Physiology.

31. MAMMALIAN PHYSIOLOGY. (Full course.)
Two hours lecture and seminar.

Prerequisites: Physiology 22.

(*To be given in 1950-51.*)

31L. MAMMALIAN PHYSIOLOGICAL LABORATORY. (Full course.)
Eight hours.

Prerequisite: Physiology 22.

(*To be given in 1950-51.*)

32. GENERAL PHYSIOLOGY. (Full course.)
Two hours lecture and seminar.
Prerequisite: Physiology 22.
(*Not given in 1950-51.*)

32L. GENERAL PHYSIOLOGICAL LABORATORY. (Full course.)
Eight hours.
Prerequisite: Physiology 22.
(*Not given in 1950-51.*)

41a and 41b. SELECTED TOPICS IN PHYSIOLOGY. (Half courses.) The third and fourth year courses in Physiology may be taken by Honours students in Physiology and by students qualifying for graduate study in Physiology. Honours students in other departments may be admitted, if space is available, by application to the Chairman of the department. These courses are not available as continuation courses.
Two hours lecture
and 3 hours laboratory a week, during one term.
Prerequisite: Physiology 31 or 32.

HONOURS COURSES

First Year: Physics 11, Chemistry 11, Zoology 11a, and 11b. (With permission, Botany 11a or 11b may be substituted for either Zoology 11a or 11b.)

Second Year: Physiology 22, Zoology 21, Chemistry 22, and either one or two of Chemistry 24, Physics 21, or Mathematics 24.

Third Year: Physiology 31 or 32, Physiology 31L or 32L, Biochemistry 31 and 32, Zoology 22a, and one course from: Physics 23, Physics 30, Chemistry 24, or Mathematics 24.

Fourth Year: Physiology 31 or 32, Physiology 31L or 32L, Physiology 41a and 41b, Biochemistry 43, and one course from: Physics 22, Physics 35a, Biochemistry 43L, Genetics 44, etc.

PSYCHOLOGY

Professor	D. O. HEBB, *Chairman*
Associate Professors	G. A. FERGUSON
	A. S. LUCHINS
	E. C. WEBSTER
Assistant Professors	DALBIR BINDRA
	PATRICIA A. SOLBERG
	C. F. WRIGLEY

The courses listed in psychology include specialist courses open to Honours students only: Nos. 31a, 31b, 41a, 44a, and 44b; and special-purpose courses which are normally not open to undergraduate Honours students: Nos. 25, 33b, 36b, and courses numbered 51 or higher. General students wanting courses in keeping with their particular interests are advised to consult Professor Webster before registration.

The courses in specialized technical methods, Nos. 51a, 52a, 52b, and 54b, are listed in this Announcement since they may on occasion be taken by undergraduate students with consent of the Department, but they are primarily for graduates. It is important, for the Honours student particularly, to understand that the undergraduate programme is *not* a training for professional work in psychology. The student who wants such training should take an Honours degree and must then have at least one year of postgraduate work.

21. INTRODUCTION TO PSYCHOLOGY. Second year. (Full course). A biologically oriented outline of the modern approach to psychology.

2 hours and one weekly conference. *Professors Hebb and*———

Prerequisite to all further courses in Psychology except Courses 22 and 25.

Text: Munn, *Psychology* (Houghton Mifflin).

22a or b. PSYCHOLOGICAL STATISTICS. Second or Third year. (Half course). The statistical analysis of psychological data; frequency distributions: graphic representation; measures of central tendency and variability; elementary probability theory; the normal probability curve; simple correlation methods; elementary sampling theory and tests of significance.

First and second terms: 3 hours. *Professor Wrigley*

Prerequisite: Mathematics 11a, 12b.

25. EDUCATIONAL PSYCHOLOGY. (Full course). Designed for students in Education in the fifth year diploma course and for students in Physical Education.

3 hours. *Professor Solberg*

May not be taken for credit by students who have credit for Psychology 21 or the equivalent.

31a. PHENOMENA OF PERCEPTION AND LEARNING. Third or Fourth year. (Half course). Introduction to laboratory instruments and procedures in which the student will investigate established phenomena of perception and learning.

First term: 1 hour; 4 hours laboratory. ———

Required of all Third Year Honours students; open to general students only with the instructor's consent.

31b. EXPERIMENTAL METHODS (HUMAN). Third or Fourth year. (Half course). The student will be required to carry out an experimental project in some field of psychological investigation.

Second term: 1 hour; 4 hours laboratory. *Professor Ferguson and Staff*

Required of all Third Year Honours students; open to general students only with the instructor's consent.

32. GENERAL PSYCHOLOGY. Third or Fourth year. (Full course).

3 hours

(*Not given in 1950-51.*)

33a. DEVELOPMENTAL PSYCHOLOGY. Third or Fourth year. (Half course). Study of the development of behavior, with emphasis on animal and human experiment.

First term: 3 hours. *Professor Solberg*

33b. ADOLESCENT PROBLEMS. Third or Fourth year. (Half course). Survey of the human problems of childhood and adolescence, with emphasis on parent-child relationships and mental hygiene.

Second term: 3 hours. *Professor Solberg*

34a. DYNAMICS OF BEHAVIOR AND ADJUSTMENT. Third or Fourth year. (Half course). Instinct, need, drive, conflict resolution; theory of emotion and motivation.

First term: 3 hours. *Professor Bindra*

34b. THEORY OF PERSONALITY: Third or Fourth year. (Half course). Consideration of current theories of personality, and of the theoretical basis of classification techniques.

Second term: 3 hours. *Professor Bindra*

36b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. (Half course). Labour-management relations; morale in industry; advertising and market research.

Second term: 3 hours *Professor Webster*

Prerequisite: Psychology 34a, or permission of the Instructor.

41a. EXPERIMENTAL METHODS (ANIMAL). Third or Fourth year. (Half course). Methods, theoretical conceptions, and present problems in the comparison of species, with emphasis on mammals from rat to man.

First term: 3 hours. *Professor Bindra*

Text: Moss (ed.), *Comparative Psychology.*

Primarily for Honours students: open to others only by consent of the instructor.

41b. PHYSIOLOGICAL PSYCHOLOGY. Third or Fourth year. (Half course). The relationship of behaviour to the nervous system, particularly with regard to the effect of modern neurophysiological conceptions on psychological theory.

Second term: 3 hours

Prerequisite: Psychology 41a.

Text: Morgan, *Physiological Psychology.*

42. SOCIAL PSYCHOLOGY. Fourth year. (Full course). Theories of social psychology; social aspects of general psychology; nature and development of group membership; social attitudes, their measurement and modification.

3 hours *Professor Luchins*

43a. HISTORY OF PSYCHOLOGY. Fourth year and graduate. (Half course).

First term: 3 hours. *Professor Wrigley*

43b. MODERN PSYCHOLOGY IN HISTORICAL PERSPECTIVE. Fourth year and graduate. (Half course). Modern theoretical issues, and systematic formulations, considered from the point of view of their origins.

Second term: 3 hours. *Professor Bindra*

44a or b. EXPERIMENTAL PROBLEMS. Fourth year and Graduate. (Half course). Supervised investigation of a special field. Open to fourth-year Honours students approved by the Department.

3 hours in one term.

45a. THEORY OF PERCEPTION. Fourth year and graduate. (Half course). Consideration of perceptual phenomena in relation to current knowledge of neural processes.

First term: 3 hours

45b. THEORY OF LEARNING. Fourth year and graduate. (Half course). Detailed consideration of current theories.

Second term: 3 hours

ADDITIONAL COURSES

51a. EXPERIMENTAL MEASUREMENT. Fourth year and graduate. (Half course). Presents the theoretical background necessary for the intelligent use of mental tests; the logical requirements of measurement; classification of types of test material; techniques in test construction; drafting of test items; preliminary try-out; item analysis; standardization and age allowances; reliability theory; the prediction problem and the validation of tests.

First term: 3 hours *Professor Wrigley*

Text: Cronbach, *Essentials of Psychological Testing* (Harper).

52a. APPRAISAL OF INTELLIGENCE. Fourth year and graduate. (Half course). A training course in the application of individual tests of intelligence.

First term: 1 hour, 4 hours of practice testing. *Professor Solberg*

Prerequisite: Psychology 51a concurrently and permission of the Instructors.

52b. APPRAISAL OF PERSONALITY. (Half course). Lectures on the theory of personality and on the techniques of personality evaluation; training in the administration and interpretation of projective techniques such as the Rorschach Test and the Thematic Apperception Test, and of other selected techniques.

Second term: 1 hour; 4 hours of practice testing. *Professor Luchins*

Prerequisite: Psychology 51a and permission of the Instructor.

54b. INDUSTRIAL PSYCHOLOGY. (Half course.) Didactic treatment of problems of industry.

Second term: 3 hours *Professor Webster*

Prerequisite: Psychology 51a.

HONOURS COURSES

Admission to Honours will normally take place at the beginning of the Third Year, and be determined by the student's standing in Psychology 21, 22a or 22b, and in related subjects. If Psychology 22a has not been taken in the Second Year, this deficiency must be made up immediately.

Granting of Honours will not depend on high marks alone, nor on taking a large number of courses in psychology, but on the student's comprehension of psychological principles, knowledge of related fields, and his ability to express himself well. Honours standing will therefore be determined (a) by a comprehensive examination, (b) by a short thesis which will be judged for adequacy of presentation as well as content, and (c) by course standing.

Honours students register for five courses in the third and fourth years. Normally two and a half courses will be in psychology, the balance in related fields, including philosophy and both social and biological sciences. Physiology must be one of these. Students considering Honours are strongly advised to take the prerequisites for physiology in their first two years.

All students preparing for graduate work in psychology are expected to take approximately the same undergraduate courses; for such students, specialization within psychology must begin *after* the B.A. or B.Sc. degree.

CONTINUATION COURSES

Second Year: Psychology 21, 22a and 22b.
Third Year: Psychology 33a, 34a, 34b.
Fourth Year: Psychology 41b, 42, 43b, 45a. 45b

ROMANCE LANGUAGES

French Section

Professors — J. E. L. Launay, *Chairman of the Department*; Pierre C. Nardin

Associate Professors — Lucie Touren-Furness; Hélène Larivière

Assistant Professors — Louis d'Hauteserve; André A. Rigault

Lecturers — Norah M. Lenoir; Tadeusz Romer

Resident Lecturer of the Royal Victoria College —

Spanish Section

Assistant Professors — L. B. Harrop; Robina E. Henry

Lecturer — C. F. Stegen

Italian Section

Professor — Antonio D'Andrea

FRENCH

Every lecture, even in the First Year, is given in French. Students with very little knowledge of spoken French will find it necessary to do extra work to acquire some fluency in the language.

Both oral and written examinations are held on each year's work.

The oral examination (in both General and Honours courses) counts for 50 per cent.

Students who do not intend to continue French beyond the first year are advised to enrol for French 13. All other students should enrol for French 11 or 12. Those who intend to make French a Continuation Subject are strongly advised to attend the French Summer School either before or after their First Year.

GENERAL COURSES

11. (Advanced)
12. (Ordinary)

FRENCH. First year. (Full course). General survey of Literature in the 18th and 19th centuries; French composition.

3 hours. *Professors d'Hauteserve, Larivière and Rigault, Miss Lenoir, and Mr. Romer*

ORDINARY AND ADVANCED SECTIONS

Texts: Nouvelle Anthologie Française by Schinz, Robert, and Giroud (Harcourt Brace); Whitmarsh, Complete French Course (Longmans); Romains, Knock (The Century Co.), Calvet, Petite Histoire illustrée de la Littérature Française (de Gigord).

Additional reading for ordinary sections: Saint-Exupéry, Vol de nuit (Harper).

ADVANCED SECTIONS ONLY

Text: Saint-Exupéry, Vol de nuit (Harper).

13. SPECIAL SECTION FOR STUDENTS NOT INTENDING TO CONTINUE WITH FRENCH BEYOND THE FIRST YEAR.

3 hours. *Professors d'Hauteserve, and Rigault, and Mr. Romer*

Texts: Harold March, Types of the French Short Story (Ronald Press); Whitmarch, Complete French Course (Longmans); Deval, Tovaritch (Holt).

21. GENERAL SURVEY OF FRENCH LITERATURE FROM THE MIDDLE AGES THROUGH THE 16TH AND 17TH CENTURIES. French Composition and Phonetics. Second year. (Full course).

3 hours. *Professors Furness, Larivière, and Rigault, Miss Lenoir, and Mr. Romer*

Texts: Schinz, Robert, and Giroud, Nouvelle Anthologie Française (Harcourt Brace); Whitmarsh and Jukes, Advanced French Course (Longmans).

23. COMMERCIAL INDUSTRIAL, AND SCIENTIFIC FRENCH. (Full course).

Open only to students who have passed French 11 or its equivalent, except B.A. students taking French as a continuation subject.

3 hours *Professor d'Hauteserve*

Texts: Bourgoin, Les Savants Modernes (Ed. de l'Arbre); Lebert, Pasteur (The Dryden Press); Whitmarsh and Jukes, Advanced French Course (Longmans).

31. FRENCH LITERATURE OF THE 17TH CENTURY. Third year. (Full course).
3 hours *Professor Larivière*

Texts: Lanson and Tuffrau, Histoire de la Littérature Française (Heath); Peyre and Grant, Seventeenth Century French Prose and Poetry (Heath); Seronde and Peyre, Nine Classic French Plays (Health); Whitmarsh and Jukes, Advanced French Course.

Readings: Corneille, Le Cid and Horace; Racine, Andromaque and Phèdre; Molière, L'Ecole des Femmes and Tartuffe; Pascal, Pensées; Bossuet, Oraison Funèbre d'Henriette d'Angleterre; Mme de Sévigné, Lettres choisies; La Fontaine, Fables choisies; Mme de La Fayette, La Princesse de Clèves.

32. FRENCH LITERATURE OF THE 18TH CENTURY. Third year. (Full course).
3 hours *Miss Lenoir*

Texts: Lanson and Tuffrau, Histoire de la Littérature Française (Heath); A. Schinz, Eighteenth Century French Readings (Holt); Marivaux, Le jeu de l'amour et du hasard (Heath); Prévost, Manon Lescaut (Crofts); Voltaire, Candide (Holt); Beaumarchais, Le Barbier de Séville (Holt); Whitmarsh and Jukes, Advanced French Course.

Readings: Lesage, Gil Blas (Extraits); Montesquieu, Les Lettres persanes; Voltaire, Les Lettres philosophiques; Diderot, Le Neveu de Rameau; Beaumarchais, Le Mariage de Figaro; Rousseau, Confessions (Extraits).

41. MODERN FRANCE—GEOGRAPHICAL OUTLINE—POLITICAL, SOCIAL, AND ECONOMIC ASPECTS OF FRENCH LIFE, SINCE 1870. Fourth year. (Full course.) (Open also to Third Year students with a good command of spoken French).
3 hours *Professor Launay*

Readings: G. Duhamel, Le Notaire du Havre (Ed. Variétés).

42. LITERATURE AND SOCIAL IDEAS IN THE 19TH CENTURY. Fourth year. (Full course). (Open to Third year students also.)
3 hours *Professor d'Hauteserve*

43. FRENCH LITERATURE OF THE 19TH AND 20TH CENTURIES. Fourth year. (Full course). One hour weekly will be devoted to discussion of texts in small groups.
3 hours *Professors Launay and Furness*

Texts: Searles, Seven French Plays (Holt); Galland & Cros, Nineteenth Century French Verse (Appleton Century); Balzac, Le Père Goriot (Nelson); P. Bourget, Le Disciple (Nelson).

Readings: Hernani, Le Gendre de monsieur Poirier, Les Corbeaux, Cyrano de Bergerac; Lyrical Poetry of the Nineteenth Century; Le Père Goriot, Madame Bovary, Le Disciple.

HONOURS COURSES

22. INTRODUCTORY HONOURS COURSES. Second year. (Full course).

(*a*) The French comedy as illustrated by Molière, Beaumarchais, and Musset; (*b*) Special readings in the contemporary French novel; (*c*) Free composition, written and oral, on literary subjects.

3 hours. *Professors Furness and Rigault*

With the consent of the Department this course may be taken by General students, instead of French 21.

44a. HISTORY OF THE FRENCH LANGUAGE. Third and Fourth year. To be taken in conjunction with French 44b or 46.

Reference Books: Darmsteter, Cours de Grammaire historique. Parts I, II: F. Brunot, Histoire de la langue française: Holmes & Schutz. A History of the French Language (Farrar & Rinehart).

1 hour *Professor d'Hauteserve*

(*Given in 1951-52.*)

44b. FRENCH STYLISTICS. Third and Fourth years. (Full course). Thought and Expression—Intellectual and affective elements of speech with special reference to synonymy. Social and psychological background of words and phrases. Levels of speech.

2 hours *Professor Launay*

(*Given in 1951-52.*)

45. HISTORY OF THE FRENCH NOVEL. Third and Fourth Years. (Full course).

3 hours *Professor Launay*

46. HISTORY OF THE FRENCH LYRICAL POETRY. Third and Fourth Years. (Full course.)

2 hours. *Professor Larivière*

(*Given in 1951-52.*)

47. SURVEY OF CONTEMPORARY FRENCH LITERATURE. Third and Fourth Years. (Full course.)

3 hours. *Professor Larivière*

48. ADVANCED PHONETICS. Third and Fourth Years. (Half course.)

2 hours throughout the session. *Professor Rigault*

49. FRENCH LITERATURE OF THE RENAISSANCE. Third and Fourth Years. (Full course.)

Three hours. *Professor Nardin*

RECOMMENDED COGNATE COURSES

50. LINGUISTICS. An elementary survey of human speech, its nature, origin, structure, and classification; principles of linguistic changes, writing and the alphabet; universal or auxiliary languages. Open to Second and Third Year students. (Full course.)

Three hours. *Professor Carruthers*

51. COMPARATIVE LITERATURE. The influence of English upon European Literature in the 18th and 19th centuries. Special subjects: (*a*) The Imaginary Voyage (fantaisies, utopia, satires); (*b*) Gentleman and Superman; (*c*) The Oriental Observer (from Montesquieu's *Lettres Persanes* to the 20th century; (*d*) Mock-heroic poetry. (Full course.)

Three hours. *Professor Noad*

HONOURS COURSES IN FRENCH

Honours in French begin in Second Year. Only exceptionally will students be permitted to take Honours Courses in their third year without having previously passed French 21 and 22.

All students taking Honours in French are required to take in their third or fourth years French 44a, *History of the French Language;* French 44b, *French Stylistics;* and French 48, *Advanced Phonetics.*

Prerequisite: French 11 or 12.

Second Year: French 21 and 22.

Third Year: Three full courses (or the equivalent) including at least one full honours course.

Fourth Year: Three full courses (or the equivalent) including at least one full honours course, and courses 44a, 44b, and 48 if not previously taken.

COMBINED HONOURS COURSE

Prerequisite: French 11 or 12.

Second Year: French 21 and 22.

Third Year: Two full courses (including one Honours Course) or their equivalent.

Fourth Year: Two full courses (including one Honours Course) and courses 44a and 48 if not previously taken.

M.A. COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

SPANISH

Students who take Spanish, in order to fulfil the Modern Language requirement for the B.A. degree, must take Spanish 11 and Spanish 21 over two separate years.

11. FIRST YEAR. (Full course.) Grammar, reading and dictation; oral exercises, and composition.

3 hours. *Professor Henry and Mr. Stegen*

Texts: Walsh, Introductory Spanish (Norton); Castillo and Sparkman, Graded Spanish Readers, Book I (Alternate), *Cuentecistos;* Book II, Sigamos Leyendo (Heath); Crow, Spanish American Life (Holt); Meras and Roth, Pequeño Vocabulario (Heath).

21. SECOND YEAR. (Full course.) Introduction to Spanish literature. Translation. Free composition. Elementary phonetics. Conversation.

3 hours. *Professor Henry and Mr. Stegen*

Texts: Tarr and Centeno, A Graded Spanish Review Grammar and Composition, Sections I and III (Crofts); Robles, Tertulias Españolas; Brady and Turk, Classical Spanish Readings; Palacio Valdés, La Hermana San Sulpicio (Holt); Subscription to "Norte" magazine.

31. THIRD YEAR. (Full course.) Nineteenth century literature in Spain. Free composition. Translation. Advanced phonetics. Conversation.

3 hours. *Professor Harrop*

Texts: Tarr and Centeno, A Graded Spanish Review Grammar and Composition, Section II (Crofts), Levy, Present-Day Spanish (Dryden Press), Foster, Spanish Composition (Norton), Watkins, An Omnibus of Modern Spanish Prose (Odyssey Press), Sánchez, Nineteenth Century Spanish Verse (Appleton-Century-Crofts); Alarcón, El Sombrero de Tres Picos (No. 37, Col. Aust.); Palacio Valdés, Marta y María (No. 133, Col. Aust.); Unamuno, Tres Novelas Ejemplares (No. 70, Col. Aust.).

32. THIRD YEAR. (Full course.) Spanish Literature. A Great Writers Course. (This course is designed especially for those who will not be taking Spanish 41. It may be taken concurrently with Spanish 31, 42 or 43).

3 hours. *Professor Harrop*

Texts: Ed. by Howard, Old Spanish Ballads (Cambridge); Ed. by Menéndez y Pelayo, Las cien mejores poesías líricas de la lengua castellana (Sopena); Ed. by A. Malo, Don Quijote de la Mancha (Nos. 56 and 57 of Biblioteca Clásica Ebro, Zaragoza); Ed. by Berkowitz & Wofsy, Lazarillo de Tormes (Harper); Tirso de Molina, El burlador de

Sevilla (Sopena); Calderón, La vida es sueño (Sopena); B. Pérez Galdós, Doña Perfecta; Trafalgar (Biblioteca Contemporánea, Losada); Valera, Juanita la Larga (Sopena); García Lorca, Bodas de Sangre; Libro de Poemas; La casa de Bernarda Alba (Biblioteca Contemporánea, Losada); Unamuno, El sentimiento trágico de la vida (Austral).

41. FOURTH YEAR. (Full course.) The Golden Age of Spanish Literature. Twentieth century literature in Spain. Free composition. Conversation.

3 hours. *Professor Harrop*

Texts: Levy, Present-Day Spanish (Dryden Press); Calderón, La Vida es Sueño (Sopena); Lope de Vega, Fuenteovejuna (Bell); Cervantes, Don Quijote (Nos. 56 and 57 of Biblioteca Clásica Ebro); M. de Maeztu, Antología Siglo XX (No. 330, Col. Aust.); Valle-Inclán, Sonatas (Nos. 30 and 31 Bib. Contemp.); Anón., Lazarillo de Tormes (Harper); R. Pérez de Ayala, Tigre Juan (No. 198, Col. Aust.); El curandero de sa honra (No. 210 Col. Aust.); R. Menéndez Pidal, Flor Nueva de Romances Viejos (No. 100, Col. Aust.).

42. SPANISH DRAMA OF THE 19TH AND 20TH CENTURIES. Fourth Year. (Open to Third Year students of Spanish also). (Full course.)

3 hours. *Professor Harrop*

Texts: Jacinto Benavente, Los intereses creados (No. 34, Colección Austral) and La fuerza bruta (No. 305, Col. Austral); Alvarez Quintero, Puebla de la mujeres and El genio alegre (No. 124, Col. Austral); Brett, Nineteenth Century Spanish Plays (Appleton); García Lorca, Doña Rosita la Soltera and Bodas de Sangre (Nos. 113 and 141, Bib. Contemp. B.A.); Martínez Sierra, Canción de Cuna (Holt); Casona, Nuestra Natacha (Appleton); Cano & Saenz, Easy Spanish Plays (Heath).

43. SPANISH-AMERICAN LITERATURE. Fourth year. (Also open to Third Year students of Spanish.) (Full course.)

3 hours. *Professor Harrop*

Texts: Torres-Rioseco, Antología de la literature hispano-americana (Crofts); Güiraldes, Don Segundo Sombra (No. 49, Bib. Contemp., B.A.); Alegría, El mundo es ancho y ajeno (Crofts); Gallegos, Doña Bárbara (No. 168, Col. Aus.); Ricardo Palma, Tradiciones peruanas (No. 52, Col. Aust.); Walsh, Seis Relatos Americanos (Norton): Teresa de la Parra, Ifigenia (Ed. "Las Novedades", Caracas); Reyles, El embrujo de Sevilla (No. 208, Col. Aust.); Jorge Isaacs, María (Sopena); Florencio Sánchez, Teatro Vol. 1 (Sopena).

(To be given in 1951-52.)

COGNATE COURSE

385. HISPANIC CONTACTS WITH EUROPEAN LITERATURE. (Full course.) Special subjects: (*a*) The Picaresque Novel; (*b*) Don Quixote; (*c*) Don Juan; (*d*) English and Spanish Romenticism. A reading knowledge of Spanish is advisable.

3 hours. *Professor Noad*

SPANISH COURSES: GENERAL

Recommended Reference Books: Cuyas and Llano, New Spanish Dictionary (Appleton); Castillo & Bond, Spanish Dictionary (U. of Chicago); Pequeño Larousse Ilustrado; Angel del Río, Historia de la Literatura Española (Dryden); Torres Rioseco, La Literatura Iberoamericana (Ed. Emecé, B.A.); Américo Castro, Iberoamérica (Dryden); Ed. by E. Allison Peers, Spain; A Companion to Spanish Studies (Methuen); J. B. Trend, The Civilization of Spain (Home University); Ramsay, a Textbook of Modern Spanish (Holt); Stirling, The Pronunciation of Spanish (Cambridge); Carlos Vossler, Introducción a la literatura española del Siglo de Oro (No. 511, Col. Aust.); Espinosa, Historia de la Literatura Espanola (Oxford); Palencia, La España del Siglo de Oro (Oxford); Meras and Roth, Pequeño Vocabulario (Heath); Romero-Navarro, Historia de la Literatura Española (Heath).

ITALIAN

Students who take Italian in order to fulfil the modern languages requirement for the B.A. degree, must take Italian 11 and Italian 21 over two separate years. Students who select the courses in Italian Literature will not be required to take the language courses as prerequisites.

11. FIRST YEAR. (Full course.) Grammar, reading, oral exercises, and composition.

3 hours. *Professor D'Andrea*

Texts: Russo, Elementary Italian Grammar (Heath); Goggio, A New Italian Reader for Beginners (Heath).

21. SECOND YEAR. (Full course.) Translation, free composition, conversation, introduction to Italian literature.

Texts: Russo, Second Year Italian (Heath); Van Horne-Cioffari, Graded Italian Readers (Heath).

To be offered for the first time in 1951-52.—Not offered in 1950-51.

McGill, 1950-51

22. SEMINAR ON ITALIAN LANGUAGE. (Half course.) Readings on Italian Literature. Open to students who have taken Italian II or who have satisfied the instructor concerning their capacity to take the course.

1 hour weekly throughout the session. *Professor D'Andrea*

Texts: Goggio, Six Easy Italian Plays (Heath).

24a. DANTE AND HIS PERIOD. (Half course.) A course for second, third, and fourth year students who are especially interested in literature. Readings in the poetry of Dante and his contemporaries as represented by standard English translations. A reading knowledge of the Italian language is not required; lectures will be in English.

3 hours (first term). *Professor D'Andrea*

The texts preferred for the *Inferno*, *Purgatorio*, and *Paradiso* are the Temple Classics edition (Dent, London).

25b. ITALIAN LITERATURE IN THE NINETEENTH CENTURY. (Half course.) A course for Second, Third, and Fourth Year students who are especially interested in literature. A reading knowledge of the Italian language is not required; lectures will be in English.

3 hours (second term). *Professor D'Andrea*

SOCIOLOGY AND ANTHROPOLOGY

Professor	CARL ADDINGTON DAWSON *Chairman*
Associate Professor	OSWALD HALL
Assistant Professor	BERNARD N. MELTZER
	AILEEN D. ROSS
	~~FREDERICK VOGET~~
Research Assistant	~~JOAN JACKSON~~

SOCIOLOGY

The Introductory Course is divided into three lecture sections which are essentially the same, except that Third and Fourth Year students should attempt to fit 21C into their schedule. Students are to indicate on their registration forms whether they are registering for 21A, 21B, or 21C.

Sociology 21 is prerequisite to all other courses in Sociology.

21A. INTRODUCTION TO SOCIOLOGY. Second year. (Full course).

3 hours *Professor Dawson*

21B. INTRODUCTION TO SOCIOLOGY. Second Year. (Full course).

3 hours *Professor Meltzer*

21C. INTRODUCTION TO SOCIOLOGY. Third and Fourth years. (Full course). 3 hours *Professor Ross*

31a. PRIMITIVE SOCIETY. Third year. (Half course). The comparative study of social organization among non-literate groups. The course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or permission of Instructor.

31b. COMPLEX SOCIAL STRUCTURES. Third year. (Half course). Analysis of organized groups in a complex social structure; classification of institutions; theory of institutional statuses and roles; individual career lines; case study of the professions.

3 hours *Professor Hall*

Prerequisite: Sociology 31a.

32. INTRODUCTORY SOCIAL STATISTICS. Third year. (Full course). Various aspects of inference from numerical data. Special techniques and their use in sociology; averages, standard deviation, measures of correlation.

3 hours

33a. COLLECTIVE BEHAVIOR. Third year. (Half course.) Basis of, and adjustments to, social unrest; analysis of crowds, publics, propaganda; general and specific social movements; role of fads and fashions in social change; social revolutions and social change.

3 hours. *Professor Meltzer*

(*Given in 1951-52.*)

34a. THE FAMILY. Third Year. (Half course.) The structure and function of the family and its relation to the social structure; the family and social change; the family as a primary group; family disorganization and reorganization.

3 hours. *Professor Ross*

35a. MINORITY GROUPS. Third year. (Half course). Origin and nature of minority groups; analysis of minority social organization, with emphasis upon relations between minority and dominant group structures; theory of social marginality.

3 hours *Professor Ross*

36b. CRIMINOLOGY. Third year. (Half course). Theories of crime; social systems and their punitive practices; treatment of adult criminals; juvenile delinquency and remedial programmes.

3 hours *Professor Meltzer*

(*Given in 1951-52.*)

38b. SOCIOLOGY OF THE CHILD. Third Year. (Half course.) Associational life of the individual through infancy to adolescence; childhood and adolescent roles; the effect of the social class position of the child on the development of its personality.

3 hours. *Professor Ross*

41. HUMAN ECOLOGY AND COMMUNITY PLANNING. Fourth Year. (Full course). Study of distributions of population in time and space resulting from competitive and social factors; organization and functions of cities and regions, relations between town and regional planning and social organization.

3 hours *Professor Dawson*

42a. CULTURE AND PERSONALITY. Fourth year. (Half course). The study of culture and personality with emphasis upon the cultural background; the process of socialization as it is revealed in a comparative study of primitive societies.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or permission of the Instructor.

42b. SOCIAL PSYCHOLOGY. Fourth Year. (Half course.) Personality development; the origin of the self; the emergence of patterns of social behaviour; the analysis of social action, and the formation of attitudes.

3 hours. *Professor Meltzer*

Perequisite: Sociology 42a.

43. METHODS IN SOCIOLOGY. Fourth year. (Full course).

First term: Use of documents and interviewing techniques for investigation of sociological problems.

Second term: Nature of data, facts, hypotheses, and conceptual systems as developed in the first term.

3 hours *Professor Meltzer*

44. POPULATION AND MIGRATION. Fourth year. (Full course). Analysis of the composition of selected populations; international migration, internal migration, and population transfers; immigration policies.

3 hours *Professor Hall*

(*Given in 1951-52.*)

45a. THE PROFESSIONS. Fourth year. (Half course). Specialization and the rise of the professions; recruitment, training, and initiation; formal and informal organization in the professions; codes and social control; stages in a professional career.

3 hours *Professor Hall*

Prerequisite: Sociology 31b or permission of the Instructor.

46. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. Fourth Year. (Full course). Formal and informal organization in the work world; role of cliques and similar types of association; race relations and ethnic participation in industry.

3 hours *Professor Hall*

Prerequisite: Sociology 31b or permission of the Instructor.

47. ADVANCED STATISTICS. Fourth year. (Full course). Statistical methods—multiple correlations, analysis of variance; tests of significance; sampling procedures; life tables; vital rates, construction of questionnaires and scales.

3 hours.

ANTHROPOLOGY

22. INTRODUCTION TO ANTHROPOLOGY. Second year. (Full course). Historical relationship of race, language, and culture; culture history, analysis of cultural systems; culture and personality.

3 hours *Professor Voget*

Anthropology 22 is a prerequisite for all students taking a continuation sequence in Anthropology.

23b. CULTURE HISTORY. Second year. (Half course). The principles of historical research among preliterate peoples. This course will deal with the archaeology and ethnology of pre-European North America.

3 hours *Professor Voget*

(*Given in 1951-52.*)

24b. NORTH AMERICAN INDIANS. Second year. (Half course). A study of the past and present Indian and Eskimo cultures of Canada and the United States with special emphasis upon the relationship of present adjustment to recent tribal history.

3 hours *Professor Voget*

(*Given in 1951-52.*)

31a. PRIMITIVE SOCIETY. Third year. (Half course). Identical with and described under Sociology 31a.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or 22 or permission of the Instructor.

37b. PRIMITIVE RELIGION. Third year. (Half course). The study of primitive religious systems with special reference to the function of symbolism and the relationship of religious practices and beliefs to other cultural activities.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or 22.

42a. CULTURE AND PERSONALITY. Fourth year. (Half course). Identical with and described under Sociology 42a.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or permission of the Instructor.

48b. CULTURE CHANGE. Fourth year. (Half course). An examination of the determinants and processes of culture change. The course will include detailed case studies of the influence of culture patterns and interests as selective factors in culture change.

3 hours *Professor Voget*

HONOURS COURSES IN SOCIOLOGY AND ANTHROPOLOGY

Admission to Honours will normally take place at the beginning of the Third Year, and will be determined by the student's standing in Sociology and related subjects. Six full courses are required to fulfil Honours requirements. A student will ordinarily take Sociology 31 and 32 in the Third Year and Sociology 41, 42, and 43 in the Fourth. A liberal use is made of courses in the allied departments of Economics, Geography, History, Philosophy, and Psychology. Honours students who wish to emphasize Anthropology will consult Professor Voget.

Students taking Honours in Sociology and one other subject are required to select four courses, in consultation with the Chairmen of the Departments, during the Third and Fourth years.

CONTINUATION SEQUENCES IN SOCIOLOGY

General Arts students who have chosen Sociology and Anthropology for continuation sequences are expected to register for courses designated for the same year as their university standing. The following sequences are suggested:

Community Organization: 21, 31, 41.

Industrial Relations: 21, 31, 46.

Pre-professional: 21, 31, 45a and 48b.

Social Psychology: 21, 33a, 33b, 34a, 42.

CONTINUATION SEQUENCES IN ANTHROPOLOGY

Before choosing any sequence, consultation with Professor Voget is required. Two sequences are possible:

Historical Anthropology: Courses 22, 23b or 24b, 31a and 48b.

Social Anthropology: Courses 22, 31a, 37b or 48b, and 42a and 48b.

ZOOLOGY

Professors	JOHN STANLEY, *Chairman*
	N. J. BERRILL
Professor of Parasitology	T. W. M. CAMERON
Associate Professor	M. J. DUNBAR
Assistant Professor	H. R. SCOTT
Lecturer	D. M. SCOTT
Carpenter Teaching Fellow	

11a. THE ANIMAL KINGDOM. (Half course). The nature and evolution of the animal world, with emphasis upon types, environments, adaptation, and evolutionary processes.

First term: 3 hours lectures and 3 hours laboratory.

Professor Berrill

Text: Buchsbaum, *Animals without Backbones* (Chicago U. P.).

11b. MAN AND HIS EVOLUTION. (Half course). The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

Second term: 3 hours lectures and 3 hours laboratory.

Professor Stanley

Text: Hegner, *College Zoology*, 5th. Edition (Macmillan).

21. VERTEBRATE ZOOLOGY. (Full course). The comparative anatomy of the vertebrates and the evolutionary history of the functional systems of the body. The origin, evolution, and classification of the eight classes of the vertebrate phylum; the organization of the vertebrate body in general and an introduction to mammalian anatomy.

2 hours lectures and 3 hours laboratory.

Dr. D. M. Scott

Prerequisite: Zoology 11b. (With permission, Honours students may substitute Zoology 11a).

Text: Adams and Eddy, *Comparative Anatomy* or Romer, *The Vertebrate Body.*

Laboratory Manual: Breland, *Manual of Comparative Anatomy* (McGraw-Hill).

22a. COMPARATIVE HISTOLOGY. (Half course). A comparative study of the microscopic structure of animal tissues and organs; and interpretation of this structure in terms of function and embryonic origin; an introduction to human histology.

First term: 2 hours lectures and 3 hours laboratory.

Professor H. R. Scott

Prerequisite: Zoology 11a, 11b and 21 (with permission, Honours students may enter with Zoology 11a or 11b only, in place of both 11a *and* 11b).

Text: Kendall, *Microscopic Anatomy of Vertebrates* (Lea and Febiger).

22b. VERTEBRATE EMBRYOLOGY. (Half course). A comparative study of embryonic development in the various classes of vertebrates, leading to an interpretation of human development.

Second term: 2 hours lectures and 3 hours laboratory. *Professor Berrill*

Prerequisite: Zoology 22a.

Laboratory Manual: Rugh, *Vertebrate Embryology* (Burgess).

23b. TROPICAL BIOLOGY. (Half course). General account of tropical environment, practical problems and hygiene, tropical seas, fauna and flora of rain and mist forests and savannahs, the great mammals, equatorial seasons and topography, marine and fresh-water fauna, zoogeography.

Second term: 3 hours *Professor Cameron*

Prerequisite: Zoology 11a. (With permission, Honours students may substitute Zoology 11b.)

Text: Hesse & Allee, *Animal Geography* (McGraw-Hill).

(*Offered in alternate years. Not offered in 1950-51*).

24. INVERTEBRATE ZOOLOGY (EXCEPT ARTHROPODA). Full course). A study of the comparative anatomy, taxonomy, development, evolution and economic importance of invertebrate animals other than the Phylum Arthropoda.

2 hours lectures and 3 hours laboratory. *Professor Stanley*

Prerequisites: Zoology 11a (second class standing). (With permission, Honours students may substitute Zoology 11b).

Texts: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

(*Offered in alternate years. Not offered in 1950-51*).

25. THE ARTHROPODA. (Full course). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of animals of the Phylum Arthropoda.

3 hours lecture. *Professor Stanley*

Prerequisites: Zoology 11a (second class standing), Zoology 25L, the Laboratory course must be taken with Zoology 25. (With permission, Honours students may substitute Zoology 11b for 11a.)

Texts: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

(*Offered in alternate years. Offered in 1950-51*).

25L. LABORATORY. The laboratory work of Zoology 25. Zoology 25 and 25L *must* be taken together in the same year.

2 laboratory periods of 2 hours each per week. A laboratory manual is issued by the Department. *Professor Stanley*

Perequisites: As for Zoology 25.

(*Offered in alternate years. Offered in 1950-51*).

31b. MICROSCOPICAL TECHNIQUE (Honours students only). (Half course). Primarily a laboratory course in methods of making various types of microscope slides.

9 hours. *Professor H. R. Scott*

Prerequisite: Zoology 11a and 22a. (With permission, Honours students may substitute Zoology 11b).

Text: Pantin, *Microscopical Technique* (Cambridge U. P.).

32. ANIMAL ECOLOGY. (Full course). A study of the inter-relations between animals, groups of animals, and their environments. In the first term the various environmental and biotic factors are discussed (autecology) and in the second term the groups and associations are related to their environments (synecology).

3 hours *Professor Dunbar*

Prerequisites: Zoology 11a, 11b and any one of 21, 24, 25 plus 25L. (With permission, Honours students may enter with 11a *or* 11b only, in place of both 11a *and* 11b.)

Texts: Chapman, *Animal Ecology* (McGraw-Hill); Hesse, Allee, and Schmidt, *Ecological Animal Geography.*

33. EXPERIMENTAL ZOOLOGY. (Full course). General analysis of development, together with normal, regenerative, and malignant growth; experimental and analytical methods; theory construction; guide to current zoological literature.

3 hours *Professor Berrill*

Prerequisite: Zoology 22a and b.

34. CULTURE METHODS. (Honours Zoology only, by permission). (Half course). Methods of culture and maintenance of invertebrates and lower vertebrate animals, and studies of their life cycles.

4 hours laboratory and conference period weekly throughout session.

Professor Berrill

Prerequisite or concurrent: Zoology 33.

Text: Galtsoff, *Culture of Invertebrate Animals* (McGraw-Hill).

35. APPLIED BIOMATHEMATICS. (Half course). An elementary study of mathematical theories of growth and form, mathematics as applied to growth of populations, host-parasite relations, radio-active tracers.

2 lectures per week in the first term; one per week second term.

Professor Stanley

Prerequisite: Mathematics 24 or a working knowledge of the calculus and any biology course.

37. HISTORY OF BIOLOGY. (Half course). The history of biology from Thales to the present day; including the development of scientific observation in anatomy, comparative morphology, ecology, embryology, and palaeontology. Theories of the relationships of animals, parts of animals, and of their evolution. Philosophical history of biology. Biological expeditions.

One lecture per week and one seminar period every alternate week, extending throughout the session. *Professor Dunbar*

Prerequisite: Zoology 11a. (With permission, Honours students may substitute Zoology 11b.)

41. ZOOLOGICAL RESEARCH. (Honours Zoology only, Fourth year.) Individual training in zoological research methods, fields of research, and introduction to field and laboratory projects. Thesis and seminar presentations.

The Staff

42b. ORNITHOLOGY. (Half course). A general survey of ornithology to illustrate fundamental concepts of taxonomy, zoogeography, ecology, etc. Laboratory periods will be used for a discussion of North American birds and methods of ornithology.

Second term: 2 hours lectures and 3 hours laboratory. *Dr. D.M. Scott*

Prerequisites: Zoology 11a, 11b and either 21 or 32. (With permission, Honours students may enter with Zoology 11a *or* 11b only, in place of both 11a *and* 11b.)

HONOURS COURSE IN ZOOLOGY

Students desiring to take Honours in Zoology should take both Zoology 11a and Zoology 11b in their first year, as this gives the best foundation for higher courses.

When this is not done, Zoology 11a and 11b may be interchanged as prerequisites with permission of the Department in the cases of approved Honours students. When both Zoology 11a and 11b are taken in the first year, a half-course in Botany must be taken in the second year.

Students taking Honours in Zoology must take some Physics beyond Physics 11. There are three options in this regard:

Option A

Physics 21, to be taken in B.Sc. 2 (if possible).

Option B

Physics 30, with Mathematics 24 as a prerequisite, Mathematics 24 to be taken in B.Sc. 2, with Physics 30 in B.Sc. 3.

Option C

Physics 22, 23 and 35a with Mathematics 24 as a prerequisite. Mathematics 24 to be taken in B.Sc. 2; Physics 22 and 23 in B.Sc. 3 and Physics 35a in B.Sc. 4.

The above Honours students are required to take *at least* Option A, and are advised to take Option B. In special cases, and by permission, the Zoology Honours courses can be so arranged that Option C can be taken. *Students must state their intention in this matter when they first enter Honours.* Physics 21 and 30 cannot both be taken for credit.

The succession of courses taken in Honours Zoology will normally be as follows, but this procedure may be varied in special cases by permission of the Department.

First Year: The general B.Sc. curriculum, with if possible, Zoology 11a and 11b (see above). If these are taken, a half course in Botany must be taken in the second year.

Second Year: Zoology 21, 22a, 22b and either one of 24 or 25 plus 25L, plus Physics 21 (Option A) or Mathematics 24 (Option B), plus a half course in Botany if not already taken, plus sufficient whole and half courses to make up a total of five full courses. Zoology 11a and 11b may be interchanged as prerequisites, but by permission only. The additional courses as above are to be selected with the advice of the Department from cognate fields or from courses in Zoology.

Third Year: Zoology 32, 33 and either one of 24 or 25 plus 25L, plus Physics 30 (Option B) or Physics 22, 23 (Option C) plus sufficient whole and half courses to make up a total of five full courses. Zoology 31b and Genetics 44 must be taken in either the Third or Fourth Years as part of the additional courses, which are to be selected as for the Second Year.

Fourth Year: Zoology 41 plus 31b and Genetics 44 if not already taken, plus Physics 35a (Option C) plus sufficient whole and half courses to make up a total of five full courses, selected as in the case of the Second Year.

With respect to the additional selected courses, such courses as Organic Chemistry, Physical Chemistry, Botany, Genetics, Physiology, and the like are emphasised.

CONTINUATION COURSES

Second Year: Zoology 11, 21, 22, 24, 25 plus 25L.

Third Year: Zoology 21, 22, 24, 25 plus 25L 32 (23b, 37).

Fourth Year: Zoology 21, 22, 24, 25 plus 25L 32, 35 (23b, 37).

Attention is called to the "General Honours in Biological Sciences", page 1028.

A student who has not completed Zoology 11 must obtain permission of the Department of Zoology before proceeding to more advanced courses in Zoology.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

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MONTREAL, CANADA

FACULTY OF ARTS AND SCIENCE

REGULATIONS GOVERNING ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

SESSION 1950-1951

LENGTH OF REGULAR SESSION

The regular session of the Faculty consists of two terms, as follows:

First term: From Monday, October 2nd, to Wednesday, December 20th, 1950. Mid-session examinations in completed courses begin on Thursday, January 4th, 1951.

Second term. From Thursday, January 11th to Thursday, April 19th, 1951. Final examinations in all courses will begin on Wednesday, April 25th.

ATTENDANCE

1. Students of the first and second years, all partial students, and students with conditioned standing or repeating their year are required to attend at least seven eighths of the total number of lectures or laboratory periods in each course. Those whose unexcused absences exceed one eighth of the total number of lectures in a course are not permitted to come up for the regular examination in that course, and those whose unexcused absences have exceeded one fourth must repeat the work in that course.

No student in any year will be permitted to sit for the examinations unless he has fulfilled the requirements of the course to the satisfaction of the Instructor and the Dean.

Excuses for absences in excess of one eighth are dealt with only by the Dean and are not entertained except in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of Faculty. Medical certificates covering absences must be presented at the Dean's Office by the student immediately after his return to University work. Such certificates

are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered; this must be shown to all the professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the Instructor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

EXAMINATIONS

INTERIM TESTS

There will be at least one class test given before Christmas in each course taken by first year students. The test is usually the equivalent of a standard examination of one hour.

Students who fail in more than one third of these tests are not allowed to be members of a College athletic team, to hold office in any College society, or to take part in any major student activity.

MID-SESSIONAL EXAMINATIONS

There are no regular mid-sessional examinations in January except in courses which are given only in the first term, and in these courses the examination may be held in May with the other final examinations if the Department so desires. Members of the teaching staff may, however, give from time to time such interim examinations as they think necessary.

FINAL EXAMINATIONS

The final examinations are held in April and May.

PASS MARK AND CLASSES

The pass mark in all examinations in 50 percent. Students who pass in an examination are grouped into three classes: First, Second, and Third. The lowest mark for First Class standing is 80 percent, the lowest for Second Class standing is 65 percent, and the remainder of students who pass obtain Third Class standing.

RE-READING OF EXAMINATION PAPERS

Upon payment of a fee of $10 a student may apply in writing to the Dean to have an examination paper re-read. This must be done not more than thirty days after the examination results are published.

FAILURES — SUPPLEMENTAL EXAMINATIONS

The examinations held at the end of full courses or of second-term half courses, in May, or at the end of first-term half courses, in January, are known as *sessional examinations*.

A student who has failed in a sessional examination and has been given permission by the Dean to write a supplemental examination must write such supplemental examination during the following September. Written application to write a supplemental examination must be received at the Dean's Office before August 15th. A fee of $10 for each supplemental paper is payable to the Cashier as soon as the application has been approved.

A student in the first year who has not passed, in the sessional examinations, at least three of his courses will not be given permission to write supplemental examinations: he must withdraw from the Faculty or, if granted permission by the Dean, repeat his year.

A student in the second, third, and fourth years who has failed in more than one full or two half courses at the sessional examinations will not be given permission to write supplemental examinations: he must withdraw from the Faculty or, if granted permission by the Dean, repeat his year.

Under these circumstances in either the first or later years, the Dean may grant permission to repeat a year only if the student (1) has passed in at least half of his courses, (2) has achieved in those courses that he passed at least a good third class average (i.e. about 60%).

A student who for reasons such as illness or family affliction, verified and accepted by the Dean's Office, has been unable to write one or more sessional examinations, may receive permission to write September supplemental examinations in their stead. Application must be made as above, before August 15th, but no fee will be charged.

ADVANCEMENT

REGULAR STANDING

A student who has completed all the courses of the preceding years by passing the sessional or supplemental examinations is in regular standing, and advances into the next year.

CONDITIONED STANDING

A student who, after attempting the supplemental examinations, is found to have completed all but one full course, or one or two half courses, of the preceding year, may advance into the next year with *conditioned standing*, but may not register for any course to which the uncompleted course is prerequisite. Such a student must either repeat the course in which he failed, or substitute another course for it.

If the course in which he failed is not compulsory, the student is strongly advised to substitute another appropriate course for the one in which the condition is carried. The consent of the Dean and of the Departments concerned must be obtained for such a substitution. Any such substituted course is additional to the normal year's work and must be passed in the regular sessional examination, no supplemental being permitted. A fee of $10 will be charged, which, however, exempts the student from paying the fee for the ensuing examination.

Alternatively, a conditioned student may, with the Dean's consent, register as repeating the course in which the condition is carried. Any such repeated course will be additional to the normal work of the year which the student enters with conditioned standing, and an additional fee of $10 will be charged as above.

If, after the May examinations in a session in which a student has conditioned status, the condition has not been removed, the student must either withdraw from the Faculty or repeat his year, if the Dean grants him permission to do so. Such permission will be granted only if the student has at least a good third class average (i.e. about 60%) in his other courses.

FAILURE TO ADVANCE

REPETITION

A student who is not eligible to advance with either regular or conditioned standing will be required either to withdraw from the Faculty or to repeat the year. Permission to repeat the year may be granted by the Dean on the conditions stated above.

A student repeating a year repeats all courses which have not already been passed, unless substitution has been permitted by the Dean and the Departments concerned. Additional courses must be taken to bring the total year's work up to the normal number of courses required for the year, and must be selected with the approval of the Dean. Such additional courses cannot later be credited to a subsequent year of regular standing.

A student repeating a year must pass all the courses for which he is registered without the privilege of a supplemental examination; advancement into the following year with conditioned standing is not permitted.

The privilege of repeating a year will not be granted to a student more than once in the whole course of his candidacy for a degree in this Faculty.

A student repeating a year pays the regular sessional fee.

TRANSFER

Any student who has failed in any year of one of the degree courses of the Faculty may not be admitted to the same year in courses for another degree in the Faculty except under extraordinary circumstances and by sanction of the Dean.

CHANGING COURSES

Students who wish to change the courses for which they have registered must apply to the Assistant Dean for permission to do so. This permission may be granted provided that such changes do not involve conflicts in time-table nor destroy the required sequence of courses.

A student in Commerce must first obtain the approval of the Director of the School of Commerce. A student taking an Honours course must first obtain the approval of the Chairman of the Department in which he registered for Honours.

For full courses and for first term half courses no change will be permitted after October 15th. For second term half courses, no change will be permitted after January 25th.

EXEMPTIONS

A student desiring exemption from a course must first obtain the approval of the Dean and then that of the Department concerned, providing evidence that he has completed its equivalent. If so exempted, he must take another course to replace it on his list of requirements for that year. The replacing course will be regarded as an additional course, as defined below.

EXTRA AND ADDITIONAL COURSES

An *extra course* is one taken by a student to serve a cultural or intellectual interest and not to obtain credit towards a degree. No student can take an extra course unless he has obtained an average of 65% in his previous year and has had no failures in that year.

A student must obtain the permission of the Dean before taking an extra course and he can take only one extra course in each year; this course must be registered as an extra course on his registration card at the beginning of the year. For this course no academic credit at any time can be granted, though the course, if all its requirements are properly fulfilled, may be used as a pre-requisite for courses in later years.

An *additional course* is one taken in addition to the normal number of courses for that year, either to meet the requirements of a department or to remove a deficiency from a previous year.

A student can take only one full additional course in any session, and before registering for such a course must obtain the Dean's permission. For this additional course he can receive academic credit provided he fulfils all the requirements of the course. If he fails in it, the failure is entered on his record and the normal regulations concerning supplemental examinations apply.

SCHOLARSHIPS, PRIZES, MEDALS, AND LOAN FUNDS

Details of Scholarships, Bursaries, Prizes, Medals, and Loan Funds are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

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Montreal

School of Commerce

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

SCHOOL OF COMMERCE

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of McGill College*

H. D. Woods, M.A. — *Director of the School of Commerce*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. — *Bursar*

T. H. Matthews, M.A. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

B. COM. ADVISORY COMMITTEE

Professor H. D. Woods, *Chairman*

The Dean
Professor K. F. Byrd
Professor B. H. Higgins
Professor Herbeet Tate
Professor B. S. Yamey
The Assistant Dean

A complete list of the teaching staff of the University, including the School of Commerce, is printed as a separate announcement, which may be obtained from the Registrar's Office.

SCHOOL OF COMMERCE OFFICE

ARTHUR PURVIS MEMORIAL HALL
1020 Pine Avenue West
Montreal 2

Telephones — MA 9181

Office	— Local	450
Staff	— "	458
Commerce Library	— "	452
Industrial Relations Centre	— "	294
Industrial Relations Library	— "	294

ADVISORY COUNCIL

FOR THE

SCHOOL OF COMMERCE

THE PRINCIPAL, *Chairman*
L. J. BELNAP
SAMUEL BRONFMAN
NORMAN DAWES
J. A. FULLER
FREDERICK JOHNSON
JAMES MUIR
H. G. NORMAN
H. P. THORNHILL
F. B. WALLS
H. D. WOODS, *Secretary*

School of Commerce

PRELIMINARY STATEMENT

The School of Commerce is an integral part of the Faculty of Arts and Science, and is therefore under the administration of the Dean of that Faculty. The programme of the School is designed to provide training for business and administrative careers in industry and the public service, and involves undergraduate training, graduate training, and extension activities for graduates and non-graduates. The programme is organized under several divisions, as follows:—

Bachelor of Commerce Degree—A four-year course of study designed to prepare the student for recommendation to the Faculty of Arts and Science for the B.Com. degree.

Master of Commerce Degree—Advanced training and research designed to prepare the student for recommendation to the Faculty of Graduate Studies and Research for the M.Com. degree.

Evening Diploma Courses—Training courses in Accounting, Mathematics, Commercial Law, and allied subjects to assist evening students to prepare for diploma examinations conducted by the School, and to meet the requirements of certain professional societies.

Industrial Relations Centre—A centre established with the purpose of bringing members of the university staff and of the industrial community together with a view to promoting study and research in fields associated with industrial relations.

COMMERCE LIBRARY

The Commerce Library is located in Purvis Hall and consists of nearly 4,000 books, 6,000 pamphlets, and 500 periodicals and serial publications in the field of economics, business, industrial relations, and management. These materials are readily available on the shelves and in files in the library reading room. The facilities of the Redpath Library are also available to students.

UNDERGRADUATE PROGRAMME

The Bachelor of Commerce Degree

GENERAL INFORMATION

The School offers four years of undergraduate work leading to a degree of Bachelor of Commerce (B. Com.). The work of each year will normally consist of five courses each of three class sessions per week, which sessions may be in the form of lectures, demonstrations, laboratory, or discussion periods, depending on the course. A student will therefore have about fifteen hours of class meetings a week. The balance of his time will be devoted to readings, problems, the preparation of reports, essays and theses, and extra-curricular activities.

Certain of the five courses taken each year are obligatory; the remainder are selected by the student. Some of the courses are primarily commerce subjects; others are regular Arts subjects taken with students who are proceeding towards the B.A. or the B.Sc. degree.

The Commerce curriculum is designed as a semi-professional educational program. Basic studies in Accounting, Statistics, Commercial Law, and Economics, and a minimum of general Arts work in Mathematics, Languages, and Science are required. From this foundation the student may continue with further Commerce work in Accounting, Finance, Industrial Relations, Marketing, and Business Organization and Management, or concentrate further upon courses in Economics, Political Science, Psychology, Sociology, Languages, or other approved studies. Students are assisted in their selection of these courses. Optional sequences must be approved by the Director.

The School of Commerce Administrative offices are in the Arthur Purvis Memorial Hall at the corner of Pine Avenue and Peel Street. The facilities of the Redpath Library are available to all students and a special Commerce Library is provided in Purvis Hall.

ADMISSION TO THE SCHOOL OF COMMERCE

All applications to enter the School of Commerce must be made on forms which may be obtained from the Registrar's Office. Each applicant from a High School should see that a confidential report is sent from his school Principal to the Registrar, as such a report is necessary for the consideration of the application. Completed applications should reach the Registrar not later than August 31st, and if possible much earlier.

Each accepted candidate will receive a formal acceptance to a definite course and year and this must be kept for presentation at registration.

The number of admissions is limited and the School is not bound to accept applicants who have passed the required examinations.

ADMISSION TO THE FIRST YEAR

A student may apply for admission to the First Year of the B.Com. course after passing in specified subjects of the McGill School Certificate Examination or one of the examinations recognized by the University. For details, see the School Certificate Examinations Announcement.

ADMISSION TO THE SECOND YEAR WITH SENIOR MATRICULATION

A student may apply for admission to the second year if he has passed the Senior School Certificate Examinations, or recognized equivalent, and if he has achieved an average of at least 70% on that examination as a whole. Special consideration may however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing on each of English, History and Mathematics. For further particulars, see the School Certificate Examinations Announcement.

ADMISSION BY TRANSFER

Application for transfer into an upper year of the School should be made to the Registrar's Office. It must be made on the regular form and supported by certified copies of the applicant's previous academic record including the matriculation record. Such an application will be considered only if the student is in good standing and has a record which justifies the transfer.

Students admitted into the Second or the Third Year will be required to take certain courses compulsory in a lower year, unless exempted.

Two years of residence are required as a minimum for the degree hence students can not be allowed to transfer into the fourth year.

REGISTRATION

All First Year students in the School of Commerce will register on Thursday, September 28th, in the Sir Arthur Currie Memorial Gymnasium. Students in the Second, Third, and Fourth Years will register on Friday, September 29th, and on Saturday, September 30th, in the Gymnasium.

The Freshman Welcome meeting will take place on Monday, October 2nd.

After October 1st a special late registration fee must be paid (see the General Information Pamphlet included in this Announcement).

No student will be admitted after October 15th except by special permission of the Dean.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or not, and are required by the University to complete the registration forms of the Royal Victoria College. Students of the Royal Victoria College not residing with their parents or guardians in Montreal must apply for residence in the College or submit their plans for residence in writing to the Warden and obtain written approval. (See page 308 of the General Information Pamphlet.)

REGISTRATION PROCEDURE

Each regular undergraduate must be registered for the courses and year to which he has been accepted. Limited undergraduates and Partials must obtain approval of their courses from the Director of the School and the Dean's office before proceeding to register.

All students intending to take an Honours Course in Economics or Political Science, must obtain the approval of the Chairman of the Department of Economics and the Director of the School before registration.

Courses of study for the B.Com. degree are laid down on pages 1210-1211 and details of these courses are found in pages 1212 to 1228. Information regarding registration for Honours in Economics, or Political Science, Distinction, and Great Distinction is found on page 1209.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students in Commerce is called to a separate pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement* issued by the Faculty of Arts and Science. This booklet is distributed at the time of registration. Extra copies may be obtained through the Dean's Office.

FEES

Regular University fees and special fees are explained in the General Information Pamphlet enclosed with this Announcement.

Fees for the Evening Courses are shown on page 1239.

DATES OF PAYMENT

Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m. (Saturday 9-12), on the following dates:—

Thursday, September 28th
to
Thursday, October 5th

If desired, fees may be remitted by mail before the above dates.

The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Failure to pay fee by the prescribed dates will result in suspension from attendance at classes by the Dean of the Faculty until fees are paid, or a satisfactory arrangement is made with the Chief Accountant.

EXPENSES

An estimate of expenses will be found in the General Information Pamphlet included in this Announcement.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent, and the marks for first and second class standing are 80 per cent and 65 per cent respectively.

DISTINCTION AND HONOURS

Distinction in the General Course will be awarded to students, other than those registered in the Honours course in Economics, who achieve a 75 per cent average in the second, third, and fourth years.

Great Distinction will be awarded to students taking the thesis course if the student achieves an 80 per cent average in the second, third, and fourth years.

Honours in Economics—A student may take a degree of Bachelor of Commerce with Honours in Economics, if he elects to do so at the beginning of his second year, obtains the permission of the Chairman of the Department of Economics and Political Science, and during the four years takes a minimum of seven courses in Economics with at least a second class average. Certain specified honours courses will be required.

Honours in Political Science—A student may elect Honours in Political Science (Public Administration) at the beginning of the second year provided he obtains permission of the Chairman of the Department of Economics and Political Science, and during the four years completes with appropriate standing the courses chosen by the department.

CURRICULUM

The curriculum leading to a B.Com. degree consists in part of compulsory courses and in part of optional courses chosen in accordance with the student's individual interests. As optional courses a student may take any courses offered in the Faculty of Arts and Science which are approved by the Director. A student in any year is expected to satisfy himself before he selects any optional course:

(1) That he has completed any pre-requisite work for the course.

(2) That there is no conflict in his time-table.

(3) That his selection is approved by the Director.

The choice of optional courses is very important. Only one limited option is permitted in the first year. During that year the student should seek guidance from faculty members to assist him in working out for later years an integrated group of courses most suited to his interests and needs. For example, the student planning to become a Chartered Accountant should be sure that he elects the appropriate options required for this professional training. Similarly, a student interested in specialization in Industrial Relations should obtain advice on the most appropriate

grouping of optional courses in Economics, Psychology, and Sociology. The high degree of flexibility provided by the optional system makes careful selection imperative.

	Compulsory Courses	Optional Courses
FIRST YEAR	English 100 Mathematics 11a and 12b Economic History (Economics 100) Accounting 1	One of French 11* Spanish 11 German 1 Geography 21
SECOND YEAR	Elements of Economics (Economics 211C) Accounting 2 Commercial Law 1	Two full courses or the equivalent in half courses chosen from the following and approved by the Director: Mathematics** English 200, 220, 230, 240 French 21 German 2 Spanish 21 Psychology 21 Philosophy 1 Sociology 21A or 21B History, 1, 2, 3, 11 Geography Political Science 211
THIRD YEAR	Economic Statistics (Economics 361) Money and Banking (Economics 321)	The equivalent of three full courses chosen from: Science in Economic Life 3 (Chemistry 70) Accounting 3 Economics Political Science Marketing Mathematics Languages Geography etc.

*See page 1225.

**Mathematics 23a and 23b are compulsory for students who intend to specialize in Accounting.

FOURTH YEAR

Economic Analysis (Economics 412)	The equivalent of four full courses chosen from: Accounting 4 Business Organization Marketing Thesis Economics Political Science etc.

Fourth year students who have had a second class average are recommended to take the thesis course. No student can graduate with Great Distinction unless he has taken this thesis course.

STUDENTS WORKING TOWARDS A PROFESSION

Students who intend after graduation to enter a profession should acquaint themselves with the requirements for admission to that profession, and should take these requirements into consideration when choosing their optional courses.

Candidates for the Licentiate in Accountancy of McGill University, conferring on its holders the right to become members of the Institute of Chartered Accountants of Quebec, must have taken the following courses in proceeding to their degree of Bachelor of Commerce—

Five courses in Theory and Practice of Accounts
Business and Industrial Organization and Management (or approved alternative)
Commercial Law
Economics 211C
Mathematics 11a, 12b, 23a, and 23b

For further particulars see page 1229.

THE MASTER OF COMMERCE DEGREE

Bachelors of Commerce who have obtained at least second class standing and who have the permission of the Director of the School of Commerce and of the Department of Economics and Political Science may apply to proceed to the Master of Commerce Degree. For particulars see the Announcement of the Faculty of Graduate Studies and Research.

DESCRIPTION OF COURSES

The following list includes all required courses for the B.Com. degree, as well as the principal courses available as options from which the student may choose to complete his program. Unlisted courses offered by the Faculty of Arts may also be chosen. The complete program of any student must be approved by the Director.

Courses required for the Bachelor of Commerce degree are designated (*Req. B.Com.*).

Courses required for the Licentiate in Accountancy are designated (*Req. L.A.*).

ECONOMICS

100. ECONOMIC HISTORY. First year (Full course). Evolution of economic institutions; the Ancient Empires; economic and social aspects of the Decline and Fall of the Roman Empire; mediaeval agrarian economy; fairs, towns, and trading companies; medieval money; the Voyages of Discovery; religion and the rise of capitalism; Nationalism and Mercantilism; the Colonial System; the beginnings of modern banking; the great inventions and the Factory System; North American industrial development; trade unions and the co-operative movement; legislative protection of the worker; international finance; rise and fall of the Gold Standard; evolution of the central banking function; recent economic changes. (*Req. B.Com.*)

3 hours *Professors James and Reid*

211C. PRINCIPLES OF ECONOMICS. Second year (Full course). An introduction to the general principles of economics, dealing mostly with production and exchange; but some consideration is given to distribution. Specific types treated are: the factors of production, specialization, competition, risk, the Monetary system, banking, price levels, supply and demand analysis, international trade, wages, interest, rent and profits. (*Req. B.Com. except for honours students.*)

3 hours *Professor Beach*

This course is prerequisite to all courses in Economics except Economics100.

211H. INTRODUCTION TO ECONOMIC THEORY. Second year. (*Required for Honours Students*) (Full course). An introduction to economic analysis covering general price theory, the theory of the firm, theory of production and distribution and general equilibrium theory.

3 hours *Professor Keirstead*

This course is prerequisite to all honours course in Economics.

311. HISTORY OF ECONOMIC THOUGHT. Third or Fourth year. (*Honours students only*) (Full course). A critical study of the writings of the great economists, with particular reference to the period from Adam Smith to the present day.

3 hours *Professor Marsh*

321. MONEY AND BANKING. Third year (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations. (*Req. B.Com.*)

3 hours *Professor Brecher*

322. PUBLIC FINANCE. Third and Fourth year (Full course). Historical introduction. Outline of the history of the science. The subject of public finance. Economic function of the state. Material and formal order in public finance. State expenditures: definition, evolution, principles, effects, system and classification, the several kinds of expenditures considered. State revenues: definition, evolution, principles, effects, system and classification, the several kinds of revenues considered. Extraordinary expenditures and revenues (War finance). State property and State debts.

3 hours *Professor Novotny*

331. ECONOMIC POLICY. Third or Fourth year (Full course). A study of the economic policy of governments, with particular regard to corporations and forms of business enterprise, regulation of markets and competition, monopoly problems, public utilities, and governmental enterprises, fiscal policy, the maintenance of full employment, and the prevention of inflation.

3 hours *Professor Brecher*

341a. LABOUR ECONOMICS. Third and fourth years (Half course). The origin of labour problems in modern industrial organization; their interpretation in the light of economic theory; the theory of wages and employment.

First term: 3 hours *Professor Woods*

Not given 1950-51.

341b. LABOUR INSTITUTIONS. Third and fourth years (Half course). The course is designed to supplement the course in labour economics but may be taken separately. It deals with trade unions, co-operative societies, credit

unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours *Professor Woods*

Not given 1950-51.

351. CANADA: GEOGRAPHIC, INDUSTRIAL, AND ECONOMIC PROBLEMS. Third year (Full course). This course consists of discussions on current economic and political problems in Canada with special emphasis on their origins, causes, and possible solutions; e.g., the wheat problem, the coal problem, etc.

3 hours *Professor Culliton*

361. ECONOMIC STATISTICS. Third year. (May be taken as half course [361a] in first term.) (Full course). A study of the gathering, analysis, and presentation of statistical data. Specific types include: sources, tabulation, charting averages, dispersion, frequency distribution, reliability, correlation, index numbers, trends, seasonal and cydical fluctuations. (*Req. B.Com.*)

3 hours *Mr. Schwartzman*

Economics 211, Mathematics 11a, 12b are prerequisites to this course; Mathematics 23a is very helpful.

400. ECONOMIC HISTORY OF NORTH AMERICA. (Full course).

3 hours *Mr. Dales*

411. ADVANCED ECONOMIC THEORY. Fourth year. (*Honours students only*) (Full course). An attempt to formulate the theoretic problems on the frontiers of the science and to study attacks on these problems in the recent literature.

3 hours *Professor Keirstead*

Prerequisites for this are Economics 211H, Economics 311.

412. ECONOMIC ANALYSIS. Third or Fourth year (Full course). A systematic study of the techniques and principal results of theoretical analysis, including the theory of prices, wages, interest rates; the theory of accounts; the marginal analysis of individual firm, industry, and household; the theory of capital. (*Req. B.Com. except for Honours students in Economics.*)

3 hours *Professor Beach*

422a. ECONOMIC FLUCTUATIONS. Third or Fourth year. (*Honours students only*) (Half course). Analysis of the nature and causes of fluctuations in income, employment, prices, production, etc. The 3 types of cycle: Kitchin, Jugler, and Kondratieff; secular stagnation, the concept of national income; major components; fundamental savings-investment

and monetary flow equations; the multiplier; the relation; interactions of multiplier and relation; the Schumpeter Model; the Kalecki-Kaldor model; the Hayek model; the Keynesian system; Hansen and the doctrine of economic maturity.

First term: 3 hours *Professor Brecher*

This course is prerequisite to Fiscal Policy (422b).

422b. FISCAL POLICY. Third or Fourth year. (*Honours students only*) (Half course). This course is concerned with actual and proposed economic policies for the maintenance of full employment without inflation. Nature of the employment problem; policy implications of "long wave" and "stagnation" theories; policies to stimulate private investment; policies to increase consumer spending; public investment policy; monetary vs. fiscal policy; tax reduction vs. increased expenditures; foreign trade policy and employment; debt management.

Second term: 3 hours *Professor Higgins*

Prerequisite for this course is Economics 422a or 421.

424a. INTERNATIONAL TRADE AND TRADE POLICY. Fourth year (Half course) A study of the economic problems which result from the existence of sovereign states: foreign exchanges, tariffs, commercial policy, state trading, international economic agreements.

First term: 3 hours *Professor Marsh*

Perequisite: Economics 211, Economics 321.

425a. CORPORATION FINANCE. Fourth year (Half course). Nature and characteristics of the Corporation. Growth of corporations—degree of corporate enterprises—characteristics of the "corporate system". The government and corporations. Intercorporate relations—the holding company. The Capital Market—finance and corporate finance—the role of banks, insurance companies, trust companies, corporate and institutional investors in the market—the investment trust. The Stock Exchange. Capitalization—par value and no par value stock—preferred shares—apportionment of earnings. Capital and voting power amongst different classes of investors—Redemption. Corporate Borrowing—Trust Deed and Bond issues—sinking fund—Equipment Obligations. Corporate Reorganizations. The Sale of Securities—Investment Banking—Regulation of Securities Sales in England, U.S. and Canada—The Securities and Exchange Commissions.

Second term: 3 hours *Professor Vineberg*

Prerequisite: Economics 211.

431. INTERNATIONAL COMMODITY CONTROLS. Fourth year (Full course) This course includes, as well as international commodity controls, the wider question of monopolies, cartels, patents and monopoly legislation. It is conducted along seminar lines.

3 hours *Professor Culliton*

Prerequisite: Economics 211.

Not given 1950-51.

432b. TRANSPORTATION. Fourth year (Half course). History and development of the Canadian transportation system; economic characteristics of the various transportation media; comparative analysis of cost and rate structures; problems of regulation and control.

Second term: 3 hours

441. INDUSTRIAL RELATIONS. Third and Fourth year (Full course). An introduction to the problems of employer-employee relations including the management of personnel, legislation, employee organization and the state function and public interest in industrial relations.

3 hours *Professor Woods*

442. COLLECTIVE BARGAINING. Fourth year. (*Entrance by permission of Instructor*) (Full course). A seminar course involving an intensive study of collective bargaining institutions and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers' associations, collective agreements, negotiations, the content of such agreements, conciliation and arbitration. Experience in other industrial countries is also examined.

3 hours *Professor Woods*

461a. ECONOMETRICS I. (Half course). This course will be somewhat more elementary than Economics 461b.

First term: 3 hours *Professor Beach*

Prerequisite: Elementary economics, elementary statistics, and elementary calculus.

461b. ECONOMETRICS II. (Half course). Econometrics may be defined as a treatment of economic theory in terms of mathematics and a testing of this theory with statistical evidence. The following concepts are discussed: demand, revenue, production, cost, and supply functions; price analysis; models of economic systems.

Second term: 3 hours *Professor Beach*

Prerequisite: Economics 461a.

POLITICAL SCIENCE

NOTE.—Either History 1 or Economics 100 is prerequisite to all Third and Fourth year courses in Political Science.

211. COMPARATIVE GOVERNMENT: CONSTITUTIONALISM. Second or Third year (Full course). The analyses of certain basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practiced in certain modern states.

3 hours *Mr. Macquarrie*

This course is normally expected as a prerequisite for further courses in the field.

311. HISTORY OF POLITICAL THEORY. Third year (Full course). A survey of the development of Western political thought from ancient Greece down to the present.

3 hours *Professor Watkins*

321b. POLITICAL THOUGHT AND INSTITUTIONS OF CHINA AND JAPAN. Third or Fourth year (Half course). A study of the traditional political systems of China and Japan, and of the problems resulting from various attempts to adapt those systems to the requirements of Western civilization.

Second term: 3 hours *Professor Watkins*

Restricted to Third and Fourth Year students. No prerequisite.

Not given 1950-51.

322a. GOVERNMENT OF GREAT BRITAIN. Third or Fourth year (Half course). A study of the institutions and working of parliamentary government in Great Britain.

First term: 3 hours *Mr. Callard*

Prerequisite: Political Science 211.

323b. GOVERNMENT OF THE BRITISH DOMINIONS. Third or Fourth year (Half course). Institutions and working of parliamentary governments in the British Dominions.

Second term: 3 hours *Professor Mallory*

Not given 1950-51.

324b. GOVERNMENT OF THE BRITISH COLONIAL EMPIRE. Third or Fourth year (Half course). A study of the nature of imperial control, degrees of local self-government, Colonial economic development, and development of political institutions.

Second term: 3 hours *Professor Mallory*

Prerequisite: Political Science 211.

331b. THEORY AND PRACTICE OF NATIONALISM. Third or Fourth year (Half course). A study of the conditions which led to the development of modern nationalism, and of the political techniques most commonly employed for the creation and maintenance of national sentiments.

Second term: 3 hours *Professor Watkins*

Prerequisite: History 1 or Political Science 311, preferably both.

342. THE JUDICIAL PROCESS. Third or Fourth year (Full course). A comparative study of the role of law in the government of a constitutional state, with attention to developments in common and civil law systems.

3 hours

Not given 1950-51

344. INTERNATIONAL RELATIONS. Third or Fourth year (Full course). An analysis of the persistent forces that underlie international relations, with particular emphasis upon the problems which result from the existence of the modern state system.

3 hours *Mr. Sainsbury*

351. GOVERNMENT OF CANADA. Third or Fourth year (Full course). The working of parliamentary federations in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours *Professor Mallory*

Prerequisite: Political Science 211.

Not given 1950-51.

355a. POLITICAL PARTIES. Third or Fourth year (Half course). A comparative study of the organization, role and functioning of political parties and the party system in constitutional states.

3 hours *Mr. Richard Long*

441. THE ADMINISTRATIVE PROCESS. Fourth year (Full course). An introduction to the theory and practice of Public Administration with examples drawn principally from Canada, the United States, and Great Britain.

3 hours *Mr. Callard*

Prerequisite: Political Science 351.

ACCOUNTING

The first and second year courses are obligatory and are prerequisites to Accounting 3 and 4. Third and fourth year courses are optional, but see pages 1219-1220.

1. ELEMENTS OF ACCOUNTING. First year (Full course). Introductions to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; books of original entry; transactions through the general Journal, and sales and purchase books; special forms of cash book; controlling accounts; general ledger; accounts receivable and accounts payable ledgers; discounts, interest, prepaid and accrued charges; notes and bills of exchange, cheques, invoices, statements of account, bills of lading and other; commercial papers; imprest system of petty cash; depreciation; reserves for bad debts and discounts; inward and outward consignments; capital and revenue expenditure; bank reconciliations; voucher register; single entry; preparation of Trading and Profit and Loss Statements and Balance Sheets; single proprietorship.

(*Req. B.Com.*) *Professors Byrd and Pugsley and Mr. Houghton*

2. PARTNERSHIPS, CORPORATIONS, AND MANUFACTURING ACCOUNTS. Second year (Full course).

Operating Statements and Balance Sheets.

Partnerships: formation; the partnership agreement; classes of partners and of partnerships; rights, duties, and powers of partners; distribution of profits; admission and withdrawal of partners; partnership dissolution; sale of a partnership to a corporation; default of a partner; goodwill.

Manufacturing accounts and statements; factory departments; elements of cost; materials and supplies; work in process and finished goods accounts.

Corporations: formation and control; shareholders; directors; meetings; public and private companies; capital stock; limited liability; statutory books; auditors; dissolution.

Departmental accounts: distribution of charges to departments; comparison of departments' operations.

Depreciation: causes of and accounting for depreciation; Reserves and Reserve Funds.

(*Req. B.Com.*) *Professor Pugsley and Mr. Hall*

3. STATEMENT ANALYSIS, AUDITING, AND BRANCH ACCOUNTS. Third year (Full course). Balance sheet: Principles of valuation of current and fixed assets and liabilities; contingent liabilities; critical analysis; ratios and enquiries; reports.

Bonds and debentures; security payment of interest and principal; the trust deed; bond issue and redemption; nominal and effective interest rates; amortization.

Sinking Fund reserves and investments; secret reserves.

Capital Stock; preferred and common shares; par and no par value; authorized, allotted, issued, and paid-up capital; forfeited and treasury stock.

Surplus; earned, distributable and capital surplus; capital and revenue profits and losses; dividends.

Comparative Balance Sheets and operating statements; schedule of working capital; sources and application of funds; equity of shares; sundry analyses; comparative ratios.

Branch Accounts; merchandise charged at cost, intermediate, or selling prices; foreign branches; conversion of accounts in foreign currency.

Auditing; classification and scope; internal check; rights, duties, and responsibility of auditors; fraud and error in accounts; legal regulations —Dominion and Provincial; audit procedure and programmes; audit certificate and reports, audit working papers; Investigations.

(*Req. L.A.*) *Professors Byrd and Patton*

4. COST ACCOUNTING, CONSOLIDATIONS, AND INCOME TAXES. Fourth year (Full course). Cost Accounting; Terms and Cost Formulae; Elements of Cost; the general accounts and the Cost Records; materials—purchasing, receiving, storage, and consumption of materials; labour—time reports and payrolls, labour reports and distribution; manufacturing expense—principles of procedure, distribution to departments and to production; operating and financial statements; cost reports; estimating cost systems; standard costs; variances, cost ratios.

Budgetary Control, preparation and control of the budget, variable expense budgets.

Holding Companies; Consolidated Statements; Inter-company transactions and accounts—Stock and Bond holdings; Investment Accounts; Minority Interest.

Re-organizations, mergers and amalgamations—rights and privileges of creditors and shareholders, plan of reconstruction.

Executorship; Charge and Discharge Statements; Capital and Income; division of an estate; succession duties.

Bankruptcy and Liquidation Accounts; Receiver's Accounts; priority of creditors; Statement of Affairs; Deficiency Account; Realization and Liquidation Statement.

Income and Excess Profits Taxes; Individuals; Individual Proprietors; Corporations; general considerations; Taxable Income; Standard Profits.

(*Req. L.A.*) *Professors Byrd and Patton*

BUSINESS ORGANIZATION AND INDUSTRIAL MANAGEMENT

401. BUSINESS ORGANIZATION AND INDUSTRIAL MANAGEMENT. Fourth year (Full course). This course deals with the evolution of business organizations. Principles of Organization and Management are considered and their application to a representative manufacturing company illustrated. It considers problems of promotion and internal structure and administration as well as office management. Plant layout, production planning, methods analysis, material control, as well as labour relations, are also analysed.

(*Req. L.A.*) *Professor Pugsley*

MATHEMATICS

11a. PLANE TRIGONOMETRY. (Half course). Introduction to the trigonometrical functions of any angle. Radian measure. Identities. Addition formulae. Transformations of sums and products. Solution of oblique triangles by the sine and cosine rules.

First term: 3 hours *Various members of the staff*

Text: H. Tate, Elementary Mathematical Analysis (Pitman).

(*Req. B.Com.*)

12b. ALGEBRA. (Half course). Logarithms, ratio, proportion, variation, progressions, permutations and combinations, binomial theorem, theory of quadratic equations, functional notation, graphs with applications.

Second term: 3 hours *Various members of the staff*

Text: H. Tate, Intermediate Algebra (Pitman).

(*Req. B.Com.*)

23a. ANALYTIC GEOMETRY AND CURVE FITTING. (Half course). The analytic geometry of the straight line, circle, and parabola, with application to curve fitting.

First term: 3 hours *Professor Tate*

Text: C. H. Sisam, Analytic Geometry (Holt).

(*Req. L.A.*)

23b. THEORY OF INTEREST. (Half course). Simple and compound interest, discount, annuities certain, sinking funds, bonds, elementary interpolation.

Second term: 3 hours *Professor Tate*

Text: H. Tate, Mathematical Theory of Interest (Pitman).

(*Req. L.A.*)

24. ELEMENTARY CALCULUS. (Full course). Graphical representation, limits, differentiation and integration of elementary functions with applications to the determination of lengths, areas, and volumes and to the solution of simple problems in mechanics, physics, etc. Partial differentiation.

This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.

3 hours *Mr. Fullerton and others*

Text: R. R. Middlemiss, Differential and Integral Calculus (McGraw-Hill).

37a. FURTHER CALCULUS. (Half course). Hyperbolic functions, partial differentiation, infinite series, beta and gamma functions.

First term: 3 hours *Professor Tate*

Prerequisites: Mathematics 23a, 24.

Text: R. R. Middlemiss, Differential and Integral Calculus (McGraw-Hill).

38b. ELEMENTARY PROBABILITY AND MATHEMATICAL STATISTICS. (Half course). Averages, measures of disperson, probability functions, the normal curve, comparison of distributions, correlation, sampling.

Second term: 3 hours *Professor Bradley*

Prerequisites: Mathematics 23a, 24, 37a.

Texts: S. S. Wilks, Elementary Statistics (Princeton University Press).

43b. MATHEMATICS OF LIFE INSURANCE. (Half course). Expectation of life, life annuities and assurances, reserves, return of premiums, conversion tables.

Second term: 3 hours *Professor Tate*

Prerequisite: Mathematics 23b.

Texts: Menge and Glover, Mathematics of Life Insurance (Macmillan); C. K. Knight, Advanced Life Insurance (Wiley).

NOTE

(1) Students are advised to take the mathematical courses in the following order:
   (a) Mathematics 11a and 12b in the first year.
   (b) Mathematics 23a and 23b in the second year.
   (c) Mathematics 24 and/or 43b in the third year.
   (d) Mathematics 37a, 38b in the fourth year.
   (e) Students who are taking Honours in Economics should take Mathematics 24 in their second year.

(2) Students in Commerce who wish to take mathematical courses other than those listed above will find additional courses in the Announcement of the Faculty of Arts and Science. Such students should consult the Department of Mathematics before registering in these courses.

LAW

COMMERCIAL LAW 1. (Full course). Law of Contracts, Sale, Agency, Partnership, Company Law, and Negotiable Instruments.

3 hours *Professor Vineberg*

(*Req. B.Com.*)

INTERNATIONAL LAW AND GOVERNMENT. (Half course). A study of International Institutions, particularly the League of Nations and the United Nations and the Specialized Agencies.

Second term: 2½ hours *Professor Cohen*

(*Commerce students may take this course only after obtaining permission from Professor Cohen.*)

MARKETING

301a. ELEMENTS OF MARKETING. Third year (Half course). An introduction to the study of marketing institutions, practices and policies. The course includes a description and appraisal of methods of marketing agricultural, industrial, and consumer goods, and a critical examination of distribution costs, and legislation affecting marketing.

First term: 3 hours *Professor Yamey*

401. MARKETING PROBLEMS OF DISTRIBUTORS AND MANUFACTURERS. Fourth year (Full course). A study of the organization, administration and business policies of the main types of marketing institutions and firms (e.g., co-operatives, commodity exchanges, wholesalers, mail-order firms, chain stores, department stores, and independent retailers). The study includes more detailed and specialized examination of some of the topics introduced in the Marketing course, particularly of marketing policies of manufacturers.

3 hours *Professor Yamey*

402. MARKET RESEARCH. Fourth year (Full course). A thesis course in Marketing. Each student is required to write a marketing thesis under direction, and to attend a marketing conference of one hour per week.

3 hours. *Professor Yamey*

Prerequisite: Marketing 301a.

(*Admission only with approval of Professor Yamey.*)

SCIENCE IN ECONOMIC LIFE

These courses are designed to give the student an understanding of the various factors in man's physical and social environment that determine his manifold activities and his ability to utilize them to his advantage. In general, these factors are the subject matter of several sciences.

SCIENCE IN ECONOMIC LIFE 1 (GEOGRAPHY 21)—SOCIAL GEOGRAPHY. (Full course). Scope and ain of social geography: affinity to other sciences. Nature of physical environment and of man-land relationships. World distribution of foods, raw materials, and fuels in relation to changing

needs of industry, commerce, and population. Problems of land use and resource conservation. Select areal studies illustrating the role of geography in modern economic life.

3 hours *Professor Hare*

SCIENCE IN ECONOMIC LIFE 3 (CHEMISTRY 70)—CHEMISTRY (Full course). Chemistry has two classical subdivisions, organic and inorganic, and both with their many ramifications determine the ways in which matter can be made to serve man and, therefore, be of economic importance to him. The general and most useful principles of chemistry are treated so that the student can appreciate the role this science plays in modern industry.

3 hours *Professor Hatcher*

THESIS COURSE

Students who have been recommended by the Director (generally those with a good second class average or better) should write a thesis under the direction of one of the Instructors in the School of Commerce. Such a thesis will have the value of one full course. In order to graduate with Great Distinction a student must take this course. The students will meet at a time and place to be announced. Subjects must be chosen and accepted by the Director by October 20th. A descriptive outline of the subject must be submitted to the Instructor by December 1st, and the final report, typewritten, must be submitted to the Director not later than April 1st.

ENGLISH

The courses in English give a general training in composition and require a broad study of English literature with appropriate reading. A student whose mother tongue is not English and who might, therefore, encounter unusual difficulties with English 100 in the first year may apply to the Department of English for permission to postpone English 100 until the second year. If this permission is granted the student will take Commercial Law in the first year. In such cases the student is recommended to consult with the Department of English as to the advisability of taking remedial instruction in English outside the normal requirements. Any such remedial course will not be counted for degree purposes.

First Year

100. ENGLISH LITERATURE AND COMPOSITION. (Full course).

4 hours *Professor Duthie and Assistants*

(*Req. B.Com.*)

150. ENGLISH COMPOSITION. (Half course). For those who need special instruction and practice in writing correct, idiomatic English.

One hour each week throughout the session *Miss Fricker*

Students must have the instructor's permission to take this course.

Second Year

English Literature: Choice of Second Year Arts and Science courses.

Third or Fourth Year

A choice of any General Arts and Science courses in English in these years.

FRENCH

First Year

11. (Advanced)
12. (Ordinary) } FRENCH. (Full course).

General survey of French literature in the 18th and 19th centuries. French composition.

3 hours *Professor Larivière and Staff*

13. GENERAL SURVEY OF FRENCH CIVILIZATION (Full course).

3 hours *Professor d'Hauteserve and Staff*

Students who do not intend to continue French beyond the first year are advised to enrol for French 13, in which there is more emphasis on language and less on literature.

All other students should enrol for French 11 or 12, according to their proficiency in the language.

Students are reminded that it is not possible to attain fluency in spoken French without extra work and those who really desire to speak French for cultural or professional purposes are recommended to attend the French Summer School.

Second Year

21. GENERAL SURVEY OF MEDIEVAL AND CLASSICAL FRENCH LITERATURE; FRENCH COMPOSITION AND PHONETICS. (Full course).

3 hours *Professor Furness and Staff*

Prerequisite: French 11 or 12 or the equivalent.

23. COMMERCIAL, INDUSTRIAL, AND SCIENTIFIC FRENCH. (Full course).

3 hours *Professor d'Hauteserve*

Prerequisite: French 11 or 12, or the equivalent.

Texts: Bourgoin, Les Grand Savants Français (Ed. de l'Arbre); Lebert, Pasteur (Dryden Press); Whitmarsh, Advanced French Course (Longmans).

Third or Fourth Year

41. MODERN FRANCE. (Full course). Geographical outline. Political, social, and economic aspects of French life since 1870.

3 hours *Professor Launay*

(*This course is open to students with a reasonable command of spoken French and the ability to take notes in French during the lectures.*)

Readings: G. Duhamel, Le Notaire du Havre (Variétés).

For additional courses in French, which may be open to Commerce students at the discretion of the Chairman of the Department, see the Announcement of the Faculty of Arts and Science.

GERMAN

1. GERMAN LANGUAGE. *Professor Meyer and Mr. Block*
2. GERMAN LANGUAGE. *Mr. Block*
5. GERMAN LANGUAGE. *Professor Meyer*

For further information and additional courses in German, see the Announcement of the Faculty of Arts and Science.

SPANISH

11. FIRST YEAR. (Full course)
Grammar, reading and dictation, oral exercises and composition.
3 hours *Professor Henry and Mr. Stegen*

21. SECOND YEAR. (Full course)
Further cultural reading, translation, free composition, conversation.
3 hours *Professor Henry and Mr. Stegen*

31. THIRD YEAR. (Full course)
Novelists of XIX Century. Advanced composition, translation, conversation.
3 hours *Professor Harrop*

32. THIRD AND FOURTH YEARS (Full course). A "great writers" course covering the masterpieces of Spanish literature.
3 hours *Professor Harrop*

42. SPANISH DRAMA OF THE 19TH AND 20TH CENTURIES. Fourth year (Full course).
3 hours *Professor Harrop*
Open to Third Year students with permission of the Department.

43. SPANISH-AMERICAN LITERATURE. Fourth year (Full course).
3 hours *Professor Harrop*
Open to Third Year students with permission of the Department.

For titles of text books, see Announcement of Faculty of Arts and Science.

HISTORY

1. EUROPEAN CIVILIZATION SINCE THE ROMAN EMPIRE AND ITS EXPANSION OVERSEAS. *Professors Fieldhouse and Bayley*

2. GENERAL HISTORY OF NORTH AND SOUTH AMERICA. *Professor Adair*

3. HISTORY OF THE BRITISH EMPIRE. *Professor Cooper*

7a. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1915. (Half course)
Third or Fourth year.
First term: 3 hours *Professor Fieldhouse*
Not given in 1950-51

8. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815. (Full course)
Fourth year *Professor Reid*

17. HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE. (Full course)
3 hours *Professor Fieldhouse*

For additional courses in History, see the Announcement of the Faculty of Arts and Science.

PSYCHOLOGY

21. INTRODUCTION TO PSYCHOLOGY. Second year. (Full course)
3 hours *Professor Hebb*
Prerequisite to all further courses in Psychology.

34a. THE DYNAMICS OF BEHAVIOUR AND ADJUSTMENT. Third or Fourth Years. (Half course)
First term: 3 hours *Professor Bindra*

36b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. Third and Fourth Years. (Half course). Topics include labor-management relations; morale, motivation, and leadership; market research.
Second term: 3 hours *Professor Webster*
Prerequisite: Psychology 34a.

51a. THEORY, TECHNIQUES, AND INTERPRETATION OF MENTAL MEASUREMENTS.
Fourth year. (Half course)
First term: 3 hours *Professor Wrigley*
Prerequisite: One course in general statistics such as Psychology 22, Economics 361, or Mathematics 38.

54b. PERSONNEL AND INDUSTRIAL PSYCHOLOGY. Fourth Year. (Half course)
Second term: 3 hours lecture; 2 hours practice work. *Professor Webster*
Prerequisite: Psychology 51a.

Students who are planning to prepare for Industrial Relations or personnel work are advised to take courses 21, 34a, 36b, 51a and 54b. Those who wish a less intensive course are advised to take courses 21, 34a and 36b.

SOCIOLOGY AND ANTHROPOLOGY

21. INTRODUCTION TO THE STUDY OF SOCIETY. (Full course)
3 hours *Professors Dawson and Ross*
Text: Dawson and Gettys, An Introduction to Sociology (Ronalds).
Sociology 21 (or its equivalent) is a prerequisite for all other courses in Sociology and Anthropology.

31a. PRIMITIVE SOCIETY. (Half course). The comparative study of social organization among non-literate groups. The course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.
First term: 3 hours *Professor Voget*
Prerequisite: Sociology 21, 22, or permission of instructor.

31b. COMPLEX SOCIAL STRUCTURES. (Half course). Study of organized groups in a complex social structure; classification of institutions; theory of institutional offices; relation of individuals to statuses; individual career lines; case study of the professions.
Second term: 3 hours *Professor Hall*
Prerequisite: Sociology 31a, or permission of instructor.

41. HUMAN ECOLOGY AND COMMUNITY PLANNING. (Full course). Study of distributions of population in time and space; organization and functions of cities; relations between town and regional planning and social organization.
3 hours *Professor Dawson*

46. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. (Full course). Formal and informal organization in the work world; role of cliques and similar types of association; race relations and ethnic participation in industry.
Students interested in Industrial Relations should consult the Director regarding electives in Sociology.
3 hours *Professor Hall*
Prerequisite: Sociology 31a and 31b, or permission of instructor.

McGill University

School of Commerce Evening Courses

GENERAL

The School of Commerce offers an evening course program in Accounting and allied subjects to meet the needs of those interested in such training. The program is likewise designed to provide the curricular requirements for Commerce graduates proceeding to the Licentiate in Accountancy, for Students of the Institute of Chartered Accountants of the Province of Quebec proceeding to the C.A. diploma, and for students proceeding to the diploma of the Society of Industrial and Cost Accountants.

Students registered for the Licentiate in Accountancy or with one of the societies should plan their courses in accordance with the requirements of the diploma for which they are working. They should also ensure that they will not have more than six class hours in a week.

Examinations are held at the end of each course and the University grants a certificate to all candidates who pass the examinations.

ADMISSION - Accounting and Auditing Courses

Students without training or experience in accounting and auditing will be required to register for Elements of Accounting and to pass the examination in that and each successive course before proceeding to more advanced accounting and auditing courses.

Students with previous training or experience in accounting and auditing may be permitted to register at an advanced level in accordance with the decision of the Department of Accounting. Subsequent advancement will require passing the regular course examinations.

ATTENDANCE

School of Commerce evening courses are held in the Arts Building.

Students who are absent for more than one eighth of the lectures and do not present a proper written excuse, such as a medical certificate or a letter from their firm showing that their duties prevented attendance, will not be allowed to sit for the course examinations.

LICENTIATE IN ACCOUNTANCY OF McGILL UNIVERSITY

The diploma of Licentiate in Accountancy of McGill University confers on its holder the right to become a member of the Institute of Chartered Accountants of Quebec, without further examinations, after attaining the age of twenty-one years and making payment of the usual fees and contributions.

Examinations leading to the diploma of Licentiate in Accountancy will be held annually about the beginning of November. The examinations consist of six papers in Accounting and Auditing.

The examinations leading to the diploma of Licentiate in Accountancy may be taken by a Bachelor of Commerce of McGill University who has—

(a) Passed the following courses as part of his undergraduate work:

Five full courses in Accounting (including Elementary Auditing)

Business and Industrial Organization and Management (or approved equivalent)

Commercial Law

Elements of Economics (Economics 211)

Analytic Geometry and Curve Fitting (Mathematics 23a)

Theory of Interest (Mathematics 23b)

(b) Served for a term of at least one year in the office of a practising chartered accountant, if possible. If such service cannot be obtained, approval may be granted for such employment in accounting as may be considered an acceptable substitute.

(c) Attended the evening courses in Final Accounting and Auditing—Parts I and II—and passed the course examinations held at the close of each course.

(d) Made written application to the Secretary of the School of Commerce to sit for the examinations, and paid the necessary fee.

DIPLOMA OF THE INSTITUTE OF CHARTERED ACCOUNTANTS OF QUEBEC

The Institute of Chartered Accountants of Quebec conducts its own qualifying examinations but requires that candidates must have previously passed the University examinations for the courses, as set out on pages 1233-1238. As a prerequisite to recognition of these evening courses for admission to its own examinations the Institute requires the student to hold at least a Junior Matriculation certificate, or its equivalent. This certificate must be shown to the University Registrar before enrolment for the courses.

Details of apprenticeship and other matters concerning the Institute may be obtained from:

Mrs. Ethel Dixon,
Assistant Secretary,
Institute of Chartered Accountants of Quebec,
430 Canada Cement Building,
Montreal.

The normal plan of studies for one who attempts to obtain a diploma requires five years, paralleling the five years of apprenticeship in the office of a practising chartered accountant, and is usually arranged as follows:

First Year: Elements of Accounting.
Mathematics.
*Economics

Second Year: Intermediate Accounting, Part I.
Commercial Law.
*Duties of Secretaries of Joint Stock Companies.

Third Year: Intermediate Accounting, Part II.
Intermediate Auditing.

Fourth Year: Final Accounting and Auditing, Part I.

Fifth Year: Final Accounting and Auditing, Part II.

Note: For the year 1950-51 only, a twenty lecture course in Final Mathematics will be provided in the Second Year, to meet the needs of those students who passed Intermediate Mathematics during 1949-50 or an earlier year. In following years the single first year course of thirty lectures in Mathematics will replace the two former courses. The courses in Intermediate Accounting, (Part II) and Intermediate Auditing replace the former Intermediate Accounting and Auditing, Part II. All students without credit for the latter course will be required to attend the two full courses of twenty-five lectures each in Intermediate Accounting and Intermediate Auditing in their Third year.

SUPPLEMENTAL EXAMINATIONS

Supplemental examinations will be held in September for students who fail in any of the examinations of the first three years.

The fees for re-examination or examination outside Montreal are to be found on page 1239.

*These subjects may be taken, at the student's option, by correspondence course with the Institute of Chartered Accountants of Quebec, during the summer.

All applications for re-examination or examination outside of Montreal must be made to the Director of the School of Commerce before March 25th, accompanied by the required fee, and must include a statement as to the period in which the classes were taken.

The Institute of Chartered Accountants of Quebec has two sets of qualifying examinations: Intermediate Accounting and Auditing, and Final Accounting and Auditing. Both sets of examinations are held annually, about the beginning of November. These examinations are conducted by the Institute under its own regulations. Applications to sit for these examinations must be made to the Secretary of the Institute, with proof that the necessary requirements have been met.

The Intermediate Accounting and Auditing examinations consist of four papers and are normally taken after three years of evening study. Before sitting for these examinations, the candidate must have passed the following course examinations:—

Elements of Accounting
Intermediate Accounting and Auditing Parts I and II
Intermediate and Final Mathematics
Commercial Law
Economics
Duties of Secretaries of Joint Stock Companies

The Final Accounting and Auditing examinations consist of six papers and are taken only after all of the course examinations have been passed. Thus the additional courses are:

Final Accounting and Auditing (Parts I and II).

DIPLOMA OF THE SOCIETY OF INDUSTRIAL AND COST ACCOUNTANTS

The Society of Industrial and Cost Accountants has three sets of qualifying examination for its diploma, Registered Industrial Accountant (R.I.A.).

Primary Examination

(a) Accounting 1.
(b) Business Mathematics.

Intermediate Examination

(a) Accounting 2.
(b) Fundamentals of Cost Accounting.

Final Examination

(a) Industrial Organization and Management.
(b) Industrial Legislation.
(c) Advanced Cost Accounting.
(d) Cost Accounting Thesis.

The courses in Elements of Accounting and Intermediate Accounting and Auditing, Parts I and II (pages 1233 and 1234), cover the ground necessary for the Accounting I and II examinations. Special courses in Fundamentals of Cost Accounting, Industrial Management, and Advanced Cost Accounting (pages 1236 and 1237), have been arranged by the University in co-operation with the Society.

Particulars may be obtained from Professor D. R. Patton, Chairman of the Co-ordinating Educational Committee of the Society.

OTHER ASSOCIATIONS

The course "Duties of Secretaries of Joint Stock Companies" has been arranged in co-operation with the Chartered Institute of Secretaries. Honorary Secretary, Gordon Small, 460 St. Francois Xavier St., Montreal.

The General Accountants Association provides for two sets of examinations, (a) Intermediate and (b) Final, leading to its diploma. Secretary, John Rhodes, 4816 Dornal Ave., Montreal. Telephone: EX-1919.

Full information concerning these organizations and their educational programmes may be obtained from their respective Secretaries.

EVENING COURSES OF INSTRUCTION

ELEMENTS OF ACCOUNTING

Twenty-five lectures of two hours each. Monday 6-8 p.m., Monday 7-9 p.m., Tuesday 6-8 p.m., commencing October 2nd.

A pass in this course is a prerequisite for Intermediate Accounting (Part I).

Introduction to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; books of original entry, general journal, sales and purchase books, cash books, voucher register; controlling accounts; general ledger; accounts receivable and accounts payable ledgers; discounts, interest, prepaid and accrued charges; notes and bills of exchange; business documents; depreciation; reserves for bad debts and discounts; consignments; capital and revenue expenditure; bank reconciliations; single entry; preparation of Trading and Profit and Loss Statements and Balance Sheets; single proprietorship.

INTERMEDIATE ACCOUNTING (PART I)

Twenty-five lectures of two hours each, given on Tuesday, 6-8 p.m., Wednesday, 6-8 p.m., commencing October 3rd. Students will be required to submit home-work for correction and return.

Principles of operating statements and balance sheets; partnerships—formation, special problems, dissolution, sale to a corporation; goodwill;

incorporated companies—organization, share capital, bonds, annual meetings, statements, auditors; manufacturing; exceptional losses; departmentalization; distribution of expenses and income; depreciation; comparison of operating statements; working papers.

INTERMEDIATE ACCOUNTING (Part II) AND INTERMEDIATE AUDITING

Twenty-five lectures of two hours each given on Wednesday, 6-8 p.m., and Thursday, 6-8 p.m., and twenty-five lectures of two hours each in Auditing, at times to be announced, commencing October 4th. Students will be required to submit home-work for correction and return.

Accounting

Balance sheet valuations, current and fixed assets and liabilities, wasting assets, bonds and debentures, reserves. Capital stock, classification of shares, no par value regulations, forfeited stock, treasury stock, earned, capital, and distributable surplus, capital and revenue profits and losses, uncompleted contracts, dividends. Critical analysis of the balance sheets, comparative balance sheets and operating statements. Reconstruction and reorganization of companies; mergers and amalgamations; holding company and subsidiaries; minority interests. Consolidated statements.

Auditing

Need and purpose of audits. Fraud and error in accounts. Types and characteristics of audits. Rights, duties, and responsibilities of auditors. Audit of operations, verification of assets and liabilities. Working papers. Investigations.

Passes from the examinations of Parts I and II of the Intermediate Accounting and the Intermediate Auditing course are pre-requisites to sitting for the Intermediate Examination in Accounting and Auditing of the Institute of Chartered Accountants of Quebec.

FINAL ACCOUNTING AND AUDITING Part I

Part I should be passed before the student takes Part II.

Fifty lectures of two hours each given (i) Mondays and Thursdays, (ii) Wednesdays and Fridays, from 6 to 8 p.m., beginning October 2nd. Students will be required to answer test papers and submit solutions for correction and return. 24 per cent of the final marks in the course will be awarded for homework and 76 per cent for the examinations taken at the end of the Part I course.

Part IA.—Branch accounts; executorship and trustee accounts; bankruptcy and liquidation accounts; auditing—powers, duties, responsibilities of auditors, legal provisions, internal check, audit programmes and procedures, auditors' reports, audit working papers.

Part IB.—Holding companies and subsidiaries; reorganizations, mergers and amalgamations; cost accounting—procedure, elements of cost—accounting for and control of materials, labour, and manufacturing expense; process and job cost systems; estimating cost systems, standard costs, variances, cost ratios. Budgetary control; static and flexible budgets.

FINAL ACCOUNTING AND AUDITING (Part II)

Fifty lectures of two hours each to each of two class divisions on (i) Mondays and Thursdays, (ii) Wednesdays and Fridays, from 6 to 8 p.m., beginning October 2nd.

Students will be required to answer tests papers and submit solutions for correction and return. 24 per cent of the final marks in the course will be awarded on homework and 76 per cent for the examinations at the end of the course.

Part IIA.— Thursdays and Fridays. Advanced accounting and auditing problems, including special reference to insurance companies, municipalities, stockbrokers, banks, and investment trusts.

Part IIB.— Mondays and Wednesdays. Criticism of operating statements and balance sheets; reports and report writing; investigations; systems and considerations in the accounting and audit of special industries (additional to those covered under Part IIA); taxes and licenses; income and excess profits taxes.

MATHEMATICS

Thirty lectures of 1 hour each on Elementary Algebra and thirty lectures of 1 hour each on the Mathematics of Finance, given on Thursdays from 6 to 8 p.m., commencing October 5th.

Elementary Algebra: Review of fundamentals, logarithms, arithmetic and geometric progressions, graphical representation of simple business statistics.

Mathematics of Finance: Percentages, simple and compound interest, averaging accounts, annuities certain, sinking funds, perpetuities and capitalization, bonds, amortization tables, instalment purchases, depreciation.

Lecturer *Professor Tate*

Text Book: Mathematics of Business and Finance, by Dyess and Gilmore.

FINAL MATHEMATICS—Elements of Actuarial Science

(Available only in 1950-51 to students with credit for Intermediate Mathematics, as taken in 1949-50 or earlier years).

Twenty lectures of one hour each on Theory of Interest and 20 lectures of one hour each on Insurance, on Tuesdays, from 6 to 8 p.m., beginning October 3rd.

The course embraces: Simple and compound interest; annuities; the amortization schedule; straight-term, serial, and annuity bonds; building and loan associations. Elementary Statistics.

Lecturer. *Professor Tate*

Text-book: H. Tate, Mathematical Theory of Interest.

COMMERCIAL LAW

Twenty-five lectures of two hours each. On Tuesdays from 7-9 p.m., beginning October 3rd.

Law of contracts, sale, agency, partnership, company law, negotiable instruments, and bankruptcy.

Lecturer. *Professor Vineberg*

ECONOMICS

Course of 20 lectures, of one hour each, on Elementary Economics. On Fridays, from 6 to 7 p.m., beginning October 6th.

Lecturer. *Professor Culliton*

FUNDAMENTALS OF COST ACCOUNTING

Thirty lectures of one hour each given on Mondays from 8-9 p.m., commencing October 2nd.

A knowledge of the fundamentals of Cost Accounting; the essential records and the methods of arriving at cost, including the following—Purposes of cost accounting; elements of cost; process cost systems; job cost systems; controlling accounts and the cost records; accounting for materials; material storage and consumption; perpetual inventories and stores control; valuation of materials; accounting for labor cost; wage systems; accounting for manufacturing expense; distribution of manufacturing expense to production; the cost to make and sell; sundry forms; monthly closing entries; preparations of operating and financial statements; cost reports.

Mr. A. Van Harris

ADVANCED COST ACCOUNTING

Thirty lectures of one hour each, given on Mondays, from 6.30 to 7.30 p.m., commencing October 2nd.

This course is designed for those having a fundamental knowledge of Cost Accounting principles and procedure. It covers advanced instructions in costing problems, records, and practices, and cost accounting in relation to inventories, budgetary control, and other devices of the various departments of a business, including the following—estimating cost systems; principles of standard costs; standard cost procedure; variances; cost ratios; budgetary control; static and variable budgets; differential cost analysis; special considerations and debatable methods; distribution and marketing costs; cost reports; graphic charts; machine accounting; current cost developments; actual working out of a job cost practice set.

Mr. A. Van Harris

INDUSTRIAL MANAGEMENT

Thirty lectures of one hour each on Mondays from 7.45 to 8.45 p.m., commencing October 2nd.

This course is designed to provide an over-all picture of the techniques involved in the management of an industrial establishment. It covers legal and internal forms of organization; location, construction, and layout of plant; selection, installation, and maintenance of machinery, equipment, and factory services; purchasing and storekeeping; motion study and work simplification; safety and health; selection and training of employees; leadership and morale; job evolution, merit rating, and employee compensation; development and engineering; maintenance and production control; industrial and public relations.

Mr. J. B. Shallenberger

INDUSTRIAL LAW

(*Being offered in the University Extension Courses 1950-51*)

International industrial law (the International Labour Organization, etc.); fundamentals of Canadian constitutional law with special reference to the distribution of powers federal and provincial authorities in industrial and labour matters; fundamentals of the Quebec law of contracts; the contract of employment; work by estimate and contract; collective bargaining; minimum wage legislation; maximum hours of labour legislation; factory legislation; fundamentals of Quebec law of delicts and workmen's compensation; unemployment insurance; old age pensions, etc.; alien labour laws; status of trade unions; strikes; lock-outs; conspiracies in restraint of trade; Combines Investigation Act; industrial disputes; patents; trademarks; unfair competition; copyrights.

DUTIES OF SECRETARIES OF JOINT STOCK COMPANIES

Twenty lectures of one and one-half hours each, on Mondays and Thursdays at 6.30 p.m., commencing on Monday, October 2nd.

The procedure and administration of Companies registered under the Companies Acts, from their promotion to their dissolution, with special attention to the work of the secretary and the practice involved, also the routine work of a secretary's office. Business management and office organization; division of responsibility; general systems of control and internal check; responsibilities and duties of the officers of a company, income tax. Detailed study of: notices of meetings; the constitution of a meeting, quorum, chairman; the powers and duties of a chairman; the general conduct of a meeting (discussion and order in debate); the agenda paper, adjournments and postponements: motions and resolutions; amendments, previous questions and closure; voting and proxies; minutes. A study of: fair comment and privilege in speeches, the preservation of order at public meetings, expulsion from meetings, admission of the press to meetings, newspaper reports of meetings. A detailed study of the law, conduct and procedure at company meetings; meetings of directors; notice quorum, privilege in speeches, minutes, committees; meetings of shareholders, kinds of meetings, notices, chairman, proceedings at general meetings, resolutions, and amendments, voting, proxies, adjournments, minutes, privilege in speeches.

Mr. A. H. Westbury

CERTIFICATES

A. Certificates in each course will be issued by McGill University to candidates who pass the examinations.

B. No certificate will be issued to candidates who pass only Section A or Section B of Final Accounting and Auditing, Parts I and II. Marks in the section passed will be retained and will be considered with the marks obtained subsequently in the remaining section, when the regulations governing examinations in this part shall apply.

FEES FOR THE EVENING COURSES

Students register and pay fees in Dawson Hall (Administration Building) from Monday, September 25th, through Friday, October 27th, between 9 a.m. and 4 p.m. and between 6:30 p.m. and 8:00 p.m.

For further information telephone MA-9181, Local 450.

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Elements of Accounting	35.00
Accounting (Intermediate) Part I	40.00
Accounting (Intermediate) Part II	40.00
Auditing (Intermediate)	40.00
Accounting (Final) Part I	60.00
Accounting (Final) Part II	60.00
Commercial Law	40.00
Mathematics	40.00
Mathematics (Final) 1950-51 only	30.00
Economics	20.00
Fundamentals of Cost Accounting	25.00
Advanced Cost Accounting	25.00
Industrial Management	25.00
Industrial Law	25.00
Duties of Secretaries of Joint Stock Companies	25.00

The above fees include a charge for multilithed materials supplied to the students. No additional charge will be made.

FEES FOR RE-EXAMINATION

A fee of $10 per paper will be charged for re-examination in any course.

FEES FOR LICENTIATE EXAMINATION

Final Accounting and Auditing	$35.00
Supplemental in four papers	25.00
Supplemental in two papers	15.00

EVALUATION AND REGISTRATION OF CERTIFICATES

Evaluation and registration of certificate exempting from the whole or part of the McGill Junior Matriculation Certificate	$ 2.00

EXAMINATION REGULATIONS

ALL COURSES EXCEPT INTERMEDIATE AND FINAL ACCOUNTING

The pass mark will be 60%.

A supplemental examination will be permitted if the candidate has obtained 40% or over.

Candidates obtaining less than 40% or failing to pass one of the next two succeeding supplemental examinations will be required to repeat the course.

INTERMEDIATE ACCOUNTING—Part I

The pass mark will be 60%.

A supplemental examination will be permitted if the candidate has obtained 40% or over.

Candidates obtaining less than 40% or failing to pass one of the next two succeeding supplemental examinations will be required to repeat the course.

Homework will count for 24 marks based upon problems selected by the lecturer but will be counted only on the first examination written by the candidate. If the candidate fails and re-writes his examinations the homework marks will not be included and his examination marks will count as 100%.

INTERMEDIATE ACCOUNTING—Part II AND INTERMEDIATE AUDITING.

There will be one examination paper in Accounting and one in Auditing.

The pass mark will be a total of 120 marks out of 200 marks, with a minimum of 50 marks in either paper.

A supplemental examination in one paper only will be permitted if the candidate obtains a total of 120 marks but less than 50 marks in one paper.

A supplemental examination in one paper only will be permitted if the candidate obtains less than a total of 120 marks but 60 or more marks in one paper only.

Candidates obtaining less than 120 marks with less than 60 marks in each paper will be required to re-write both papers.

Candidates who fail in two supplemental examinations in one paper will be required to write both papers.

Candidates failing two supplemental examinations of two papers will be required to repeat the course.

Candidates failing to obtain more than 80 marks in both papers in any examination will be required to repeat the course.

The regulations for homework marks will be the same for each paper as outlined for Intermediate Accounting —Part I.

FINAL ACCOUNTING AND AUDITING, Part I—Sections A & B and Part II—Sections A & B

The examinations in Final Accounting and Auditing, Parts I and II, consist of two examinations at the end of each part—one in Section A and one in Section B.

The pass marks will be an average pass mark of 60% in each set of two papers of one part, with a minimum of 50% in either paper.

The regulations for supplemental examinations will be the same as outlined for Intermediate Accounting Part II and Intermediate Auditing, above, except that a candidate who obtains less than 40% in any original or supplemental examination will be required to repeat the course for the section concerned.

The regulations for homework marks will be the same for each paper as outlined for Intermediate Accounting Part I.

McGill University

Montreal

Faculty of Engineering

1950-1951

MCGILL UNIVERSITY LIBRARY

McGill University

Montreal

Faculty of Engineering

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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McGill University

FACULTY OF ENGINEERING

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C.
Vice-Principal of the University and Dean of the Faculty of Engineering

John Bland, B.Arch., A.R.I.B.A. (Lond.), M.R.A.I.C.
Director of the School of Architecture

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

Richard Pennington, B.A. (Birmingham), Lib.Dip. (Lond.)
University Librarian

E. Clifford Knowles, M.A., B.D. (Tor.)
University Chaplain and Student Counsellor

———— *Superintendent of Buildings and Grounds*

G. A. Grimson, B.Com. *Chief Accountant*

R. E. Jamieson, O.B.E., M.Sc. *Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Engineering, is printed as a separate announcement which may be obtained from the Registrar's Office.

STANDING COMMITTEES OF THE FACULTY

ADMISSIONS

Professor Chipman (*Chairman*), the Registrar, and Professor Solin

ADMISSION TO ADVANCED STANDING FROM OTHER UNIVERSITIES

Professors G. A. Wallace (*Chairman*), Bland, and Phillips

ADVISORY COMMITTEE ON THE SCHOOL OF ARCHITECTURE

Professor John Bland (*Chairman*), Messrs. E. I. Barott,
H. L. Fetherstonhaugh, J. C. McDougall,
R. A. Montgomery, and J. J. Perrault

CURRICULUM

Dean O'Neill (*Chairman*), Professors Bland, Jamieson, MacEwan,
Morrison, Phillips, Robb, and G. A. Wallace

EMPLOYMENT

Professor Morrison (*Chairman*) and Mr. Pavlasek

ENGINEERING PHYSICS

Professors G. A. Wallace (*Chairman*), Christie, Shaw, Tate,
P. R. Wallace, and Watson

INVIGILATION

Professors O'Shaughnessy (*Chief Invigilator*) and Schippel

LIBRARY

Professors Stafford (*Chairman*), de Stein, and Howes

REGISTRATION, STANDING, AND PROMOTION

Professors Bruce (*Chairman*), Bland, Dodd, Gauvin, Hatcher,
MacEwan, Morrison, Phillips, Rosenthall and G. A. Wallace,
and Mr. Neilson

RESEARCH

Professors Burr (*Chairman*), Chipman, de Stein, Fox, Gauvin, Mordell, Morrison, Ogilvie, Phillips, Robb, Shaw, Stafford, Winkler, and Woonton

SCHOLARSHIPS, BURSARIES, AND LOANS

Professors MacEwan (*Chairman*), Bland, Marshall, Morrison, Phillips, Robb, and G. A. Wallace, and Mr. Looker

SUMMER ESSAY PRIZES—SECOND YEAR

Professors Mordell (*Chairman*), Gauvin, Mennie, and Schippel

SUMMER ESSAY PRIZES—THIRD AND FOURTH YEARS

Professors Christie (*Chairman*), Ogilvie, Phillips and Robb, and Mr. Neilson

TIME TABLE

Professors Rice (*Chairman*), Bland, and Oatway

Faculty of Engineering

The purpose of the courses of instruction offered by the Faculty of Engineering is to provide training in science and its application to the practice of engineering in its various fields. The School of Architecture is a part of the Faculty of Engineering.

Commencing with the session 1949-50 the training in engineering was changed from one pre-engineering year in the Faculty of Arts and Science and four years in the Faculty of Engineering to five years in the Faculty of Engineering. During the transition period the various years of study in the Faculty of Engineering will be identified as follows.

Designation of Years for students who *were* registered in Engineering prior to August, 1949.		Designation of Years for students who *were not* registered in Engineering prior to August, 1949.	
[B.Sc. 1 (pre-Engineering)]		First Year	1M
First Year	1A	Second Year	2M
Second Year	2A	Third Year	3M
Third Year	3A	Fourth Year	4M
Fourth Year	4A	Fifth Year	5M

For the School of Architecture the above will apply with the additions of the final years as fifth year 5A and sixth year 6M respectively.

Degrees offered: (1) Bachelor of Engineering (B.Eng.), in the departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics. (2) Bachelor of Architecture (B.Arch.). (See *School of Architecture*, below.)

Period of Study: Five years.

Entrance Qualifications: First year, Junior Matriculation; Second year, Junior and Senior Matriculation with sufficiently high standing. (See pages 1409 to 1412.) The entrance requirements for students of United States schools and for students from Great Britain are stated on pages 1411 to 1412. Students who meet the above requirements apply to the Registrar's Office for admission.

Residence: In the session 1950-51, all instruction in Engineering and Architecture will be given in Montreal.

SCHOOL OF ARCHITECTURE (IN THE FACULTY OF ENGINEERING)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study: Six years.

The entrance requirements in Architecture are the same as those for the Engineering courses (see above). The length of the course is six years, the first and second years being identical with the first and second years in the Faculty of Engineering.

GENERAL

The undergraduate work of the University in Architecture and in the following fields of Engineering: Chemical, Civil, Electrical, Mechanical, Metallurgical, Mining and Engineering Physics, is done in the Faculty of Engineering.

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the first year (1M), or under the age of seventeen to the second year (2M).

THE TWO TERMS

The regular session is divided into two terms, the first starting about the 1st of October and the second starting about the 12th of January (For Calendar, see the General Information Pamphlet). Students commencing a year in the Faculty are normally permitted to enter only in the first term.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on pages 1411 and 1412. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS—

ENTRANCE TO THE FIRST YEAR (1M)—Junior Matriculation

For admission to the first year of the B.Eng. courses a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 60% in every paper written in Mathematics, Physics and Chemistry or in subjects taken in lieu of the latter two.

No. of Papers	Subject
2	English
1	History (General *or* British)
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen. (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology and Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History (h) Music *or* Drawing (Music and Drawing may not both be chosen)

ENTRANCE TO THE SECOND YEAR (2M) —Senior Matriculation

English
Mathematics (Algebra, Trigonometry, *and* Co-ordinate Geometry)
Physics
Chemistry
French *or* German* *or* Spanish *or* Greek *or* Latin *or* Biology *or* Geography *or* History.

*A candidate who has passed the two papers in Junior School Certificate French may obtain Engineering Senior Matriculation standing in German by passing the Junior School Certificate examinations in this subject.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, under certain circumstances, Junior or Senior Matriculation standing for admission to the Faculty of Engineering and to other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions that those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations which will be considered on their merits towards meeting the University entrance requirements. For complete details see the School Certificate Examinations Announcement.

I. For admission to the first year (1M) of the B.Eng. and B.Arch. courses.

CANADA

The recognized Junior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

The School Certificates of the recognized examining bodies with at least five credits.

The London University Matriculation Examination.

The Certificate of Fitness of the Scottish Universities Entrance Boards

UNITED STATES

The tests of the College Entrance Examination Board.

All candidates from the United States are advised to write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three Achievement tests, the latter chosen in consultation with the applicant's school principal, should be taken. Further particulars may be obtained from the Registrar's Office.

MISCELLANEOUS

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

II. For admission to the second year (2M) of the B.Eng. and B.Arch. courses.

Students from B.Sc.1 who have completed the required courses of first year Engineering (1M) will be considered for admission to second year Engineering. Applications for admission are to be made to the Dean of the Faculty of Engineering.

CANADA

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

The Higher Certificates of the recognized examining bodies.

UNITED STATES

Completion of one year in an approved college with a suitable syllabus and good grades.

APPLICATION FOR ADMISSION

Students are normally permitted to enter at the beginning of the first term only.

Students desiring to enter the Faculty of Engineering must make application on forms which may be obtained from the Registrar's Office. Completed forms must reach the Registrar before August 31st.

It is advantageous for candidates to make preliminary application on the proper forms as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mail.

Students whose native language is not English must satisfy the Registrar that their command of written and spoken English is fluent.

The number of students admitted is limited, and the Faculty is not bound to accept all applicants who have passed the required examinations.

ADMISSION TO ADVANCED STANDING

Students of other colleges or universities who desire to enter any year in this Faculty other than the first (1M) or second (2M), should apply in writing to the Dean of the Faculty not later than July 31st preceding the session it is desired to enter. Such application should state the course the student wishes to enter, and must be supported by an official transcript of the applicant's record at the institution he is leaving, which transcript should be sent directly from the registrar of such institution to the Dean of this Faculty.

To obtain a Bachelor's degree a student must spend at least two years in the Faculty of Engineering.

Graduates of other faculties of McGill University desiring to proceed to the degree of B.Arch., or B.Eng. should consult the Dean of this Faculty for information regarding the regulations governing such procedure.

REGISTRATION, ATTENDANCE, AND DISCIPLINE

REGISTRATION

All students entering the Faculty of Engineering must register in the Macdonald Engineering Building on Thursday, September 28th.

Students registering after September 28th, but not later than October 5th are required to pay a late registration fee of $5, which fee is increased to $10 for students registering after October 5th. This fee is not refunded except by authorization of Faculty. After October 14th, no student will be admitted except by special permission of Faculty.

ATTENDANCE—FIRST YEAR (1M)

1. Students of the first year are required to attend at least seven-eighths of the total number of lectures or laboratory periods in each course. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course are not permitted to sit for the regular examination in that course, and those whose unexcused absences have exceeded one-fourth must repeat the work in that course.

No student in any year will be permitted to sit for the examinations unless he has fulfilled the requirements of the course to the satisfaction of the Instructor and of the Dean.

Excuses for absences in excess of one-eighth are dealt with only by the Dean and are not entertained except in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of the Faculty. Medical certificates covering absences must be presented at the Dean's office by the student immediately after his return to University work. Such certificates are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered; this must be shown to all professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not

allowed to enter, except with the permission of the professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late". Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

ATTENDANCE — UPPER YEARS

Students should realize that regular attendance at all scheduled exercises is in their best interests and should make every effort to attend regularly. To allow as much freedom as is consistent with efficient teaching, the following regulations apply:

1. Attendance is not compulsory except in the first year (1M). (Page 1413.)

2. For other years an instructor may keep records of attendance at laboratory exercises and the like, if he so desires, and is authorized to deal with cases of unsatisfactory attendance at such exercises.

3. Students who expect to be absent for three or more teaching days, for reasons other than illness or athletic events, shall give notice at the Dean's Office of the laboratory and draughting room exercises to be missed, with the names of the instructors concerned.

4. Students shall report, or have someone report for them, to the Dean's Office immediately upon the onset of an illness, no matter how trivial, which will occasion absence. Telephone notification is satisfactory.

5. Students who have been absent for any reason for three or more teaching days shall report to the Dean's Office immediately upon their return to classes.

6. Lectures begin at five minutes after the hour and end at five minutes before the hour. After the beginning of a lecture students are not admitted, except by permission of the lecturer.

7. Abuse of these regulations will be dealt with as a matter of discipline by the Dean of the Faculty.

DISCIPLINE

The University regulations concerning discipline are administered by the several Faculties, subject, when necessary, to revision or confirmation by Senate.

FEES

Regular fees and special fees are given in the General Information pamphlet enclosed with this announcement.

SPECIAL FEES IN ENGINEERING

Summer Schools—Students who are eligible to attend summer schools in May or September as part of their regular course pay $10 as a caution money deposit. Students taking summer schools as extra courses will pay $25, plus a caution money deposit of $10. Students in third year Mining Engineering pay an additional fee of $50 for the Mining Field School.

DATES FOR PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. (Saturday 9 a.m. to 11 a.m.) from Thursday, September 28th to Wednesday, October 4th, inclusive.

If desired, fees may be remitted by mail before the above dates, with Fee Coupon attached. The second instalment of tuition fees is due and payable on February 1st. An additional $2 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees, the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or satisfactory attangements are made with the Chief Accountant.

SCHOLARSHIPS, BURSARIES, PRIZES, MEDALS, AND LOAN FUNDS

Details of scholarships, bursaries, and loan funds will be found in the Scholarships, Bursaries, and Loan Funds Announcement which may be obtained from the Registrar's Office.

HEALTH SERVICE

Information concerning the University Health Service will be found in the General Information pamphlet enclosed with this announcement.

Those engaged in certain branches of mining and metallurgical work are subject by provincial authorities and mining companies to regulations regarding physical fitness, with particular reference to chest conditions and sight. Students registering for courses in Mining or Metallurgical Engineering are therefore required to undergo a special medical examination to determine their fitness. Convenient arrangements are made through the University Medical Officer for such examinations. While assisting students to determine their degree of fitness, the University assumes no responsibility for decisions made by those administering the regulations referred to above.

DEGREES, EXAMINATIONS, AND SOCIETIES

DEGREES

Degrees conferred by the University upon such undergraduates of the Faculty as fulfil the conditions and pass the examinations hereinafter stated are: "Bachelor of Architecture" (B.Arch.), and "Bachelor of Engineering" (B.Eng.), mention being made in the diplomas of the latter of the particular course of study pursued.

Students who take the Bachelor of Engineering degree in one course may graduate in another course by attending one or more subsequent sessions and passing the prescribed additional examinations.

PRIVILEGES OF THE HOLDERS OF THESE DEGREES

Among the privileges enjoyed by graduates of the Faculty of Engineering the following may be specially mentioned:

(1) By a resolution of the Institution of Civil Engineers of Great Britain, the holders of the degree of B.Eng., who are desirous of becoming Associate Members of the Institution, may be exempted from Parts A and B of the examinations prescribed for admission to the Institution.

(2) By the Dominion Lands Surveys Act, any graduate in civil or mining engineering may have his term of apprenticeship for the Dominion Land Surveyor's certificate shortened from three years to one.

(3) Holders of the degree of B.Eng. are admitted to practice in Quebec, upon graduation, provided they register with the Corporation of Professional Engineers of Quebec upon entering the Faculty. Students entering the Faculty should therefore obtain the necessary application forms from the Dean's Office, complete them and return them to that office.

(4) The School of Architecture is recognized by the Royal Institute of British Architects and the instruction given meets the requirements of the Board of Architectural Education of that body. Students who obtain the degree of B.Arch. are exempted from the final examination for the associateship of the Royal Institute except in the subject of professional practice, in which they are required to take a paper set by the Institute's examiners. On passing this they are eligible for candidature as "Associate R.I.B.A."

(5) The Province of Quebec Association of Architects admits holders of the degree of B.Arch. to membership, and thereby to practice in the Province, on passing an examination in professional practice and after spending one year in the office of a member of the Association.

EXAMINATIONS

See also Regulations concerning Standing and Promotion, page 1499.

1. Final examinations are normally held in all lecture subjects. Class examinations for which credit is given in sessional standing are held at the option of the instructor or at the request of the Faculty.

2. Students who have failed in one or more subjects of the curriculum, except in cases where they are not permitted to register in a subsequent session or as noted in Paragraph 3, are required to make good their standing prior to their registration by writing:

(a) The regular supplemental examinations held immediately before the opening of the session, or

(b) The final examinations in a subsequent session.

3. Students who have failed at the completion of a session in subjects totalling not more than 150 marks, may, if given permission by Faculty, register in a subsequent session as conditioned students. (See paragraph 2, page 1499.)

4. The pass standard in examinations in which the candidate has already failed twice is 60 per cent. A conditioned student, unless excused by Faculty, who does not present himself for a sessional or supplemental examination before applying for registration, will be regarded as having failed in that examination and will be required to make 60 per cent at his next attempt.

5. Special supplemental examinations are not held. Deferred supplemental examinations are given only under exceptional circumstances and by authority of Faculty.

6. Failures in laboratory subjects may under certain conditions be made good by attending special classes during the late afternoons of the first two months of the following session. No student is permitted to attend these schools unless he has made at least 30 per cent in the subject of the school. These classes must be completed and the results reported to Faculty on or before December 1st. A summer school in mechanical drawing for students who are deficient or conditioned in Courses 521, 540, 541 or 565 will be held during September. Students who must attend this school will be notified by the Dean's Office before August 15th, 1949. The fee for this school is $20.

7. Classes of academic standing:

Class I	80-100 per cent
Class II	65-79 per cent
Class III	50-64 per cent

WITHDRAWALS FOR LOW STANDING

Any undergraduate student of the first three years who at the end of the first term has failed to obtain an average of 33 per cent of the weighted value of the examinations regularly scheduled in November and January on the work of that term, may be required to withdraw from the Faculty.

ENGINEERING SOCIETIES

1. Upon entrance into the Faculty, all undergraduate students automatically become members of the Engineering Undergraduates Society.

2. The students also support the Society of the Phi Epsilon Alpha. The members of this society are selected from graduates and undergraduates in engineering, and its object is to encourage high standards of character and scholarship.

3. Students in all departments of engineering are strongly recommended to become student members of the Engineering Institute of Canada, for which a fee of $3 is required. They are then entitled to the Journal of the Institute, to the use of the Institute's building, 2050 Mansfield Street, Montreal 2, and to attend the weekly meetings. Students are invited to compete for the prizes which are offered by the Institute.

4. Students in Mining Engineering and in Metallurgical Engineering are strongly recommended to become members of the McGill Mining and Metallurgical Society, which, although a student body, is affiliated with the Canadian Institute of Mining and Metallurgy, the headquarters of which are in the Drummond Building, 1117 St. Catherine St., Montreal 2. Members of this Society receive the Monthly Bulletin of the Transactions of the Institute free, and are entitled to attend meetings and to compete for prizes offered.

5. Students in Architecture are recommended to become student members of the Province of Quebec Association of Architects, for which a fee of $1.00 is required. They are then entitled to use the library of the Association, 620 Cathcart Street, Montreal 2.

Courses of Instruction

Instruction in this Faculty is designed to afford thorough training of a practical as well as theoretical nature in the following branches:

I—Architecture
II—Chemical Engineering
III—Civil Engineering
IV—Electrical Engineering
V—Mechanical Engineering
VI—Metallurgical Engineering
VII—Mining Engineering
VIII—Engineering Physics

A note concerning graduate courses follows the list of undergraduate courses in each department. Details are given in the Announcement of the Faculty of Graduate Studies and Research.

CURRICULUM

The curriculum as laid down in the following pages may be changed from time to time, as deemed advisable by Faculty, and is in no case binding beyond the session covered by this calendar announcement.

The course for a degree in any branch of Engineering is one of five years, and for a degree in Architecture the course is a six-year one.

The degree in Engineering will not be conferred upon any candidate until he has passed the prescribed examinations of his course, and has submitted satisfactory evidence to Faculty of having had a minimum of six months of experience in practical engineering work. Similar regulations apply to the degree in Architecture. The conditions regarding practical work in the School of Architecture are set forth under the heading of Summer Work, on page 1443. Forms, obtainable from the Dean's Office, must be signed by the employer and returned on or before 12 o'clock noon, October 14th, 1950.

The first three years of the Engineering courses are devoted largely to Mathematics, Mechanics, Physics, Chemistry, and Drawing, as it is necessary that students in these courses should master the general principles underlying scientific work before commencing professional subjects.

In certain courses, students are required to attend summer schools, following the completion of the work of the session in the second, third and fourth years: for details, see page 1441.

Students who are admitted to the first year (1M) with very high standing in Junior Matriculation may register for an extra course, if written permission has been obtained from the Dean prior to the day of registration.

ENGINEERING COURSES

The following schedules set out the various courses as it is expected they will be given during the session to which this Announcement applies, but the Faculty of Engineering reserves its right to alter them if it deems desirable. Notice of such alteration is posted for the information of students.

The subjects of instruction in the first year of the engineering courses, and the number of hours per week devoted to each, are as follows:

FIRST YEAR (1M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
REGULAR COURSES					
Mechanical Drawing	511	..	..	3	3
English	1440 (100)*	3	3	..	..
Plane Trigonometry	1212 (11a)	3	..	..	..
(1)Algebra	1200 (12a)	3	..	..	..
(1)Algebra	1202 (12b)	..	(3)	..	..
Analytical Geometry	1204 (14b)	..	3	..	..
(2)Auxiliary Trigonometry	1208 (15a)	(3)	..	..	..
(2)Auxiliary Trigonometry	1210 (15b)	..	3	..	..
Physics	1311 (11)	3	3	2	2
Chemistry	902 (11)	2	2	3	3
Elective to be chosen by student from list on p. 1421					
Total hours		14	14	8	8

(1) Courses Algebra 1200 and Algebra 1202 are identical in content, but are given in different terms. Regular students take Algebra 1200 in the first term.

(2) Courses Auxiliary Trigonometry 1208 and Auxiliary Trigonometry 1210 are identical in content but are given in different terms. Regular students take Auxiliary Trigonometry 1210 in the second term.

*Figures in parentheses give subjects as numbered by Faculty of Arts and Science.

Students entering with Junior Matriculation standing in Intermediate Algebra and Trigonometry may not register in the equivalent courses in first year Engineering (1M), viz. Plane Trigonometry 1212 and Algebra 1200 or 1202. They must register for an additional full course in an approved subject from those listed on p. 1421.

Students entering with Junior Matriculation standing in Intermediate Algebra or in Trigonometry may not register in the equivalent course of first year Engineering (1M) viz., Plane Trigonometry 1212 or Algebra 1200 or 1202. They must register for the Intermediate Mathematics not written for matriculation and for one additional one-term course in any approved course from those listed on page 1421.

Students entering first year Engineering (1M) who have passed their Junior Matriculation examinations with a very high standing and who wish to register for one additional subject must make application to do so, in writing, to the Dean's Office prior to Registration Day. They will be advised before the day of registration as to whether permission is granted or not.

ELECTIVE COURSES

Botany 1400 or 1401 and Zoology 1410 or 1411
Economics 1430
French 1490, 1491, or 1492
Geography 1000
German 1450
Greek 1420 or 1421
History 1460 or 1462
Latin 1426, 1427, or 1428
Music 1480
Spanish 1495
Zoology 1410 or 1411 and Botany 1400 or 1401

Students who require a one-term course to complete their registration may elect:

Botany 1400 or 1401
Analytical Geometry and Curve Fitting 1206
Theory of Interest 1214
Zoology 1410 or 1411

Descriptions of these elective courses are given on pages 1465 to 1469.

SECOND YEAR (2M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
*Engineering Problems	320	..	..	3	3
Mechanics	322	2	2	..	..
Surveying	324	..	2	..	..
Summer School	352	..	..	..	..
Mechanical Drawing	521	..	..	6	6
El. Physical Chemistry and Laboratory	922	2	2	1	1
Algebra and Spherical Trigonometry	1220	..	3	..	..
Analytic Geometry	1222	3	..	..	..
Calculus	1224	3	3	..	..
Physics and Laboratory	1320	3	..	2	..
Physics and Laboratory	1322	..	3	..	2
*History of Science	1462	1	1	..	..
Total hours		14	16	12	12

*May not be given in 1950-51

Commencing with session 1951-52, a special summer school in Mechanical Drawing of two weeks duration will be made available for such students as enter year 2M with senior matriculation and with a deficiency in Mechanical Drawing 511.

The subjects of instruction in the second year for students who intend to enter the regular Civil Engineering or the Mechanical Engineering course, and the number of hours per week devoted to each, are as follows:

SECOND YEAR (2A=3M)

Civil and Mechanical Engineering

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Descriptive Geometry	340	1	1	2	2
Materials of Engineering	342	..	..	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Mechanical Drawing	541	..	..	3	3
Mechanics of Machines	542	..	1	..	3
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	3	2
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		12	11	19	15

*Counted as part of second year curriculum, but taken in four weeks following the close of the first year. Students entering from other universities do this work in a special summer school before entering second year (see page 1441).

See Regulations governing "Promotion," pages 1499 to 1503.

I. ARCHITECTURE

The course for the degree of Bachelor of Architecture extends over six years and aims to provide a basic training in the building arts and sciences with particular reference to the planning and to the structural and mechanical design of buildings. The first year is the regular first year of the Faculty of Engineering. The second year is the regular second year of the Faculty of Engineering with an alternative in drawing. During the third, fourth, fifth, and sixth years the subjects of Building Construction, Architectural, Structural, and Mechanical Design, History of Western Art and Architecture, Economics, and Community Planning are taken. Courses in Social Observation, Acoustics, and the Electrical Services of Buildings are given to the combined fourth and fifth years in alternate years. The work of the sixth year is largely architectural design and professional practice.

FIRST YEAR (1M)

As in engineering courses (see page 1420).

SECOND YEAR (2M)

As in engineering courses (see page 1421) with special summer work for students entering the third year. Students may take Architectural Drawing and Elements of Design 115 (see page 1446) in place of Mechanical Drawing 521.

Architecture

SECOND YEAR (2A=3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Architectural Report	130	..	..	..	..
Building Construction I	131	1	1	6	12
Elements of Design	132	..	..	3	3
Freehand Drawing	133	..	..	3	3
History of Architecture	134	2	2	..	..
History of Art	135	1	1	..	..
Materials of Engineering	342	..	..	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	..	..
Calculus	1242	2	2	..	..
Total hours		10	8	20	20

*Counted as part of second year curriculum, but taken in four weeks following the close of the first year. Students entering from other universities do this work in a special summer school before entering second year (see page 1441).

See Regulations governing promotion, pages 1499 to 1503.

Architecture

THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Aesthetics and Theory of Design	145	1	1	..	..
Architectural Report	146	..	..	..	..
Building Construction II	147	1	1	..	..
Design A	148	..	..	15	6
Freehand Drawing	150	..	..	3	3
*History of Architecture	151	2	2	..	..
*Social Observation	152	..	..	2	2
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Strength of Materials	373	2	2	..	3
Mechanical Engineering	567	2	..	..	..
Summer Essay	840	..	..	..	..
Total hours		9	9	20	19

*Given to combined third and fourth years in alternate years.

Architecture

FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Architectural Report	160	..	..	..	..
Design B	161	..	..	15	15
Design Workshop	162	..	..	3	3
*History of Architecture	163	2	2	..	..
Planning	164	2	2	..	..
Sketching School	165	..	..	..	..
Sanitary Science	372	1	..	..	..
Strength of Materials	390	1	..	3	..
†*Electrical Services	490	..	2	..	..
Heating and Ventilation	583	1	1	..	3
Summer Essay	850	..	..	..	..
†*Acoustics of Buildings	1380	2	..	..	..
Economics	1435	..	2	..	..
Total hours		9	9	21	21

*Given to combined third and fourth years in alternate years.

†These two half courses alternate with course 152.

Architecture

FIFTH YEAR (5A=6M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Sketching School	166	..	..	..	..
Architectural Report	175	..	..	..	..
Design C	176	..	..	21	24
Design Seminar	177	..	..	2	..
Design Workshop	178	..	..	3	..
History of Architecture	179	2	2	..	..
Professional Practice	180	..	2	..	..
Specifications	181	1	1	..	..
Summer Essay	860	..	..	..	..
Accounting	1437	2	..	..	..
Total hours		5	5	26	24

II. CHEMICAL ENGINEERING

The aim of this course is to provide a broad fundamental training, which, when supplemented by practical experience, will make the engineer competent to design and operate industrial plants and to understand the processes.

Part of the time in the second year is devoted to Chemistry in addition to general engineering subjects. In the third year, time is divided between Chemistry and Engineering, and Chemical Engineering topics are introduced. The fourth year is devoted mostly to Chemistry and Chemical Engineering, including a course in unit operations.

Students must attend a summer school in Elementary Quantitative Analysis at the end of the second year.

SECOND YEAR (2M)

As in other Engineering courses (see page 1421), except that students do not take the Summer School in Surveying Field Work 352.

Chemical Engineering

SECOND YEAR (2A=3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Problems	240	1	..	2	..
Materials of Engineering	342	..	..	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analysis	942	2	..	6	..
Inorganic Quantitative Analysis	944	..	2	..	9
Organic Chemistry	948	3	3	..	..
Organic Chemistry Laboratory	950	..	..	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		13	12	16	17

See Regulations governing promotion, page 1499.

Chemical Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Technology	260	2	2	..	..
Elementary Chemical Engineering	264	2	2	..	..
Thermodynamics	268	2	2	..	..
Strength of Materials	373	2	2	..	3
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgy of Iron and Steel	666	1	1	..	..
Summer Essay	840	..	..	..	..
†Summer School	946	..	..	..	..
Advanced Organic Chemistry	962	2	2	6	6
◎High Polymers (extra)	966	1	1	..	..
Elementary Physical Chemistry Laboratory	968	..	..	3	3
Physical Chemistry	972	1	1	..	..
*Determinative Mineralogy	1140	..	..	3	..
*Mineralogy	1142	2	2	..	..
*Differential Equations	1260	2	2	..	..
◎Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		16 to 18	18 to 20	12 to 15	15

*Alternates. ◎May not be given in 1950-51.
†Taken in four weeks following the close of the second year.

Chemical Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Engineering A	280	3	3	..	..
Chemical Engineering B	282	3	3	..	..
Chemical Engineering Design	284	1	1	..	..
Chemical Engineering Laboratory	286	..	..	6	6
Thermodynamics	288	2	2	..	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
*Industrial Administration (extra)	584	..	1	..	..
*Industrial Relations (extra)	586	2	..	..	..
*Electrometallurgy (extra)	682	..	2	..	..
Summer Essay	850	..	..	..	..
Advanced Physical Chemistry	982	2	1	..	..
Advanced Physical Chemistry Laboratory	984	..	..	3	3
Colloid Chemistry	986	1	1	..	..
Electrochemistry	988	2	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
Total hours		19 to 21	14 to 17	12	12

*May not be available in 1950-51.

III. CIVIL ENGINEERING

REGULAR COURSE

The regular course of study is designed to emphasize the fundamental principles of mechanics, strength of materials, design of structures, and hydraulics, at the same time affording an opportunity of applying these principles to practical problems ranging widely over the field of civil engineering. A sound foundation is laid for future specialization. The outlook of the student is broadened by courses in Mechanical and in Electrical Engineering. In the designing courses special attention is given to the interpretation and critical discussion of specifications and to the economic principles involved. Students are recommended to obtain practical experience during the summer vacations, and are especially recommended to spend at least one vacation in a drafting office.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1420 and 1421), with additional Summer School for students entering third year (see page 1441).

Civil Engineering (Regular Course)
THIRD YEAR (3A=4M)

	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	..
*Map Projections	368	1	..	2	..
Mechanics	370	2	..	..	..
Railway and Highway Engineering	371	2	1	6	3
*Sanitary Science	372	1	..	..	..
Strength of Materials	373	2	2	..	3
Surveying	376	2	2	..	..
©Summer School	377	..	..	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Summer Essay	840	..	..	..	..
†Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		14 or 15	12 or 13	12 or 14	14

*Alternates.
©Taken in four weeks following the second year.
†May not be given in 1950-51.

Civil Engineering (Regular Course)
FOURTH YEAR (4A = 5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Summer School	394	..	..	..	..
Bridge Design	380	2	2	6	6
*Foundations and Reinforced Concrete	382	..	2	..	3
*Geodesy	384	..	2	..	..
*Geodetic Laboratory	385	..	..	..	3
Hydraulic Machines	386	..	2	..	..
Municipal Engineering	387	4	..	3	..
*Photogrammetry	388	..	2	..	3
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	6
Waste Disposal	393	1	..	..	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
©Industrial Administration (extra)	584	..	1	..	..
©Industrial Relations (extra)	586	2	..	..	..
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
Total hours		14 or 16	13 or 14	18	18

*Alternates; Course 382 or Courses 384 and 385 or Course 388, to be taken.
©May not be available in 1950-51.

APPLIED MECHANICS OPTION

The courses of study in the applied mechanics option are designed to give rather more emphasis to the field of applied mechanics than is given in the regular civil engineering course. A broad mathematical foundation is provided, permitting a more intensive treatment of technical phases of applied mechanics, including fluid mechanics and vibrations. The work of the regular course in Railway and Highway Engineering, Geodesy, and Municipal Engineering is omitted, but all the basic engineering of the regular course is retained. The training is designed for those students who wish to fit themselves for positions in the field of advanced structural design, and for graduate and research work in this and allied fields.

A student electing this option may revert to the regular civil engineering course at the end of his second year without making up the regular work missed, provided his standing in all other respects is satisfactory. Reversion at the end of the third year involves making up certain of the work missed. Students who make only low pass standing will be required to revert.

Registration for this option is restricted to students whose general background, and standing attained in the first year, particularly in mathematics, indicate that they can profit by it. Students intending to register for this option should consult with the Chairman of the Department and obtain his approval of such registration prior to September 15th.

Civil Engineering (Applied Mechanics Option)
SECOND YEAR (2A=3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Descriptive Geometry	340	1	1	2	2
Materials of Engineering	342	..	..	..	..
Mapping	346	..	..	3	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	3	2
Advanced Calculus	1240	3	2	..	..
Differential Equations	1244	1	2	..	..
Nomography	1246	1	1	..	..
Problems on Mathematics and Physics	1248	..	..	3	3
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		15	13	16	12

*Counted as part of second year curriculum, but taken in four weeks following the close of the first year. Students entering from other universities do this work in a special summer school before entering second year. (see page 1441.)

Civil Engineering (Applied Mechanics Option)
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
*Thermodynamics	268	2	2	..	..
Elements of Structural Design	360	..	2	..	2
*Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	..
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
©Fluid Mechanics	383	..	3	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
†Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		13 or 14	15 or 16	9	12

*Alternates.
©Given to combined third and fourth years in alternate years.
†May not be given in 1950-51.

Civil Engineering (Applied Mechanics Option)

FOURTH YEAR (4A = 5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Bridge Design	380A	2	2	6	3
*Dynamics and Vibrations	381	..	3	..	..
Hydraulic Machines	386	..	2	..	..
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	6
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
Total hours		9	14	15	12

*Given to combined third and fourth years in alternate years.

IV. ELECTRICAL ENGINEERING

The third year of the Electrical Engineering course provides the student with a broad engineering training. Courses in mechanical engineering, thermodynamics, and strength of materials occupy a large place in the curriculum, although the greatest emphasis is placed on the study of the principles of Electrical Engineering.

The course in Electrical Engineering theory includes a study of electromagnetism and of the electric circuit, followed by an analysis of the theory and characteristics of direct current machinery. A study is made of alternating current flow in single-phase and polyphase circuits, and a short introduction to the theory of operation of alternating current generators, motors and transformers is given. This training is applied in the laboratory and in the solution of problems. Courses in differential equations, electron physics and thermionic tube theory prepare the student for the electrical circuit theory and electrical communication courses of the fourth year.

The fourth year is devoted almost entirely to electrical studies in the two main fields of Power Engineering and Communication Engineering.

Courses in the power engineering field cover the generation, transmission and distribution of electric power; direct and alternating current phenomena; electrical machinery; electric lighting; electrical measurement and industrial electronics.

Courses in communication engineering cover the theory and applications of thermionic tubes, transmission theory and radio engineering. These are supplemented by laboratory work in audio- and radio-frequency measurements and by design, and testing of communication apparatus.

When a student enters the fourth year he chooses between the Power Option and the Communications Option. Eight subjects of the fourth year are common to both options. The remaining subjects are taken only in one option, and this option is indicated on the schedule by means of a "P" or a "C" following the number of hours assigned.

FIRST YEAR, AND SECOND YEAR (2M)

As in other Engineering courses. (See pages 1420 and 1421.)

Electrical Engineering

SECOND YEAR (2A=3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	..	..	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Electrical Engineering	440	..	2	..	3
Mechanical Drawing	541	..	..	3	3
Mechanics of Machines	542	..	1	..	3
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	3	2
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		11	12	17	16

*Counted as part of second year curriculum, but taken in four weeks following close of the first year. Students entering from other universities do this work in a special summer school before entering second year (see page 1441).

Electrical Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	462	..	..	12	9
Thermionic Tube Theory	466	..	2	..	3
Machine Design	562	2	2	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Thermodynamics	570	2	2	..	..
Summer Essay	840	..	..	..	..
Differential Equations	1260	2	2	..	..
Electron Physics	1362	2	..	..	..
Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		18 or 19	17 or 18	15	18

Electrical Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2P	..	3P	..
Communication Engineering (Wire)	480	2	..	..	..
Electric Light and Power Distribution	481	2	..	..	..
Electrical Design	482	1P	1P	3P	3P
Electrical Design	483	1C	..	3C	..
Electrical Engineering	484	4	4	..	..
Electrical Engineering Laboratory	486	..	..	9P	12P
Electrical Engineering Laboratory	488	..	..	6C	6C
Electrical Measurements and Laboratory	489	2	..	2	3
Industrial Electronics	491	..	2	..	..
Power Control and Protection	492	..	3P	..	..
Radio Design	493	..	1C	..	3C
Radio Engineering	494	2C	2C	..	..
Radio Engineering Laboratory	495	..	..	6C	6C
Radio-frequency Transmission Lines	496	..	2C	..	..
*Industrial Administration (extra)	584	2	..	..	..
*Industrial Relations (extra)	586	..	2	..	..
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
Power option students will also take one of the following:					
Hydraulic Machines	386	..	2P	..	..
Radio-frequency Transmission Lines	496	..	2P	..	..
Total hours	P	16	15	17	18
	C	16	12	17	18

*May not be available in 1950-51. P—Power option. C—Communications option.

V. MECHANICAL ENGINEERING

The branch of engineering designated as Mechanical is of a broad nature covering many engineering fields. It is concerned with the generation and utilization of power, the design, production, and operation of mechanical devices, and the organization and administration of industrial plants.

The course provides a basic general engineering training which is applicable to all industries. In the third and fourth years the student may take a general course in Mechanical Engineering, or may elect subjects emphasizing one of two fields of power and design or of production and management. The laboratory classes are integrated with the lecture courses, serving to illustrate engineering principles in a practical manner.

Students who intend to proceed to a postgraduate degree in Mechanical Engineering must include Differential Equations 1260 in their curriculum.

Arrangements are made for occasional visits to power plants and factories of importance.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1420 and 1421, with additional Summer School for students entering third year (see page 1441).

Mechanical Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Industrial Engineering	561	2	..	..	..
Machine Design	562	2	2	..	..
Machine Shop	563	..	..	3	3
Mechanical Drawing	565	..	..	3	3
Mechanical Engineering	568	3	3	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Thermodynamics	570	2	2	..	..
Summer School (machine shop)	572	..	..	..	..
Summer School (mechanical drawing)	574	..	..	..	..
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Accounting	560	1	1	3	3
or					
Mechanics of Machines	564	2	2	1	1
*Differential Equations (extra)	1260	2	2	..	..
Total hours		17 to 21	16 to 20	15 to 17	18 to 20

*Students intending to specialize later in Aerodynamics should take this subject.

Mechanical Engineering

FOURTH YEAR (4A = 5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2	..	3	..
Hydraulic Machines	386	..	2	..	..
Designing	581	1	1	2	2
Experimental Engineering	582	1	1	..	..
Heating and Ventilation	583	1	1	..	..
Machine Design	587	2	2	..	..
Machine Shop	588	..	..	3	3
Power Plant Design	591	1	1	3	3
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
and					
Industrial Administration	584	..	1	..	3
Industrial Engineering	585	2	2	3	3
Industrial Relations	586	2	..	..	..
Mechanical Engineering Laboratory	589	..	..	6	6
or					
Applied Gas Dynamics	580	1	1	..	..
Industrial Administration	584	..	1	..	3
Industrial Relations	586	2	..	..	..
Mechanical Engineering Laboratory	589	..	..	6	6
Thermodynamics	592	2	2	..	..
or					
*Strength of Materials (extra)	391	..	2	..	..
Applied Gas Dynamics	580	1	1	..	..
Mechanical Engineering Laboratory	589	..	..	6	6
Mechanics of Machines	590	2	2	1	1
Thermodynamics	592	2	2	..	..
Total hours		15 or 16	12 to 15	17 to 20	15 to 20

*Students intending to specialize later in Aerodynamics should take this subject.

VI. METALLURGICAL ENGINEERING

The course of instruction provides training in the chemical, physical and engineering subjects that form the basis for metallurgical engineering. In the later years, the various branches of theoretical and practical metallurgy are studied.

The course is designed for students who expect to be engaged in mineral dressing, the smelting or refining of metals, the production of iron and steel, the melting and casting of metals and alloys, or in engineering work in which the physical properties and heat-treatment of metals and alloys are of fundamental importance.

In the second year instruction is given in mathematics, mechanics, physics, materials of engineering, organic chemistry, inorganic qualitative and quantitative analysis, and metallurgical problems.

In the third year instruction is given in economics, physical chemistry, chemical thermodynamics, mineralogy, mineral dressing, metallurgy, mechanical engineering, strength of materials, and machine design.

In the fourth year instruction is given in chemistry, engineering law, economics, hydraulics, metallurgy, electrometallurgy, metallography, electrical engineering, metallurgical designing and mineral dressing.

Laboratory accommodation is provided for graduate students who wish to do advanced work in metallurgy for the M.Eng. degree.

Please refer to page 1415 for regulations regarding physical examination

SECOND YEAR (2M)

As in other Engineering courses. (See page 1421.)

Metallurgical Engineering
SECOND YEAR (2A=3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	..	..	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
*Summer School	352	..	..	..	..
Metallurgical Problems	640	1	..	2	..
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analysis	942	2	..	6	..
Inorganic Quantitative Analysis	944	..	2	..	9
Organic Chemistry	948	2	2	..	..
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		12	11	13	14

*Taken in four weeks following the close of the first year. Students entering from other universities do this work in a special summer school before entering second year (see page 1441).

Metallurgical Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Inorganic Chemical Technology	266	2	..	..	..
Strength of Materials	373	2	2	..	3
Machine Design	562	2	2	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgical Analysis	660	..	..	3	..
Metallurgical Laboratory	662	..	..	..	3
Metallurgical Problems	664	..	..	2	2
Metallurgy of Iron and Steel	666	1	1	..	..
Mineral Dressing	668	1	1	3	3
◎Summer School	674	..	..	..	..
Summer Essay	840	..	..	..	..
Chemical Thermodynamics	964	2	2	..	..
Physical Chemistry	972	1	1	..	..
Colloid Chemistry (extra)	986	1	1	..	..
Determinative Mineralogy	1140	..	..	3	..
Mineralogy	1142	2	2	..	..
Differential Equations (extra)	1260	2	2	..	..
†Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		15 or 19	15 or 19	14	14

◎Taken in two weeks prior to the opening of the season in the third or fourth years.
†May not be given in 1950-51.

Metallurgical Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2	..	3	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
*Industrial Administration (extra)	584	..	1	..	..
*Industrial Relations (extra)	586	2	..	..	..
Advanced Metallurgy	680	2	2	..	..
Electrometallurgy	682	..	2	..	..
Extractive Metallurgy	684	2	2	..	..
Metallurgical Colloquium	688	..	1	..	..
Metallurgical Problems and Design	690	..	..	3	5
Metallurgical Thesis	692	..	..	3	6
Metallography	694	2	2	..	3
Mineral Dressing	697	2	..	3	..
Summer Essay	850	..	..	..	..
Advanced Physical Chemistry	982	2	1	..	..
Electrochemistry	988	2	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
Total hours		19 or 21	13 or 14	15	17

*May not be available in 1950-51.

VII. MINING ENGINEERING

In the second year (2A) instruction is given in calculus, mechanics, physics, geology, mineralogy, surveying, materials of engineering, inorganic qualitative and quantitative analysis.

The third year is largely devoted to applied mechanics, structural design, electrical engineering, mechanical engineering, surveying, petrology, applied geology, and geophysics, but courses of special interest to Mining Engineers are introduced in mineral dressing, elementary mining and metallurgy.

In the fourth year instruction is given in mining, mineral dressing, economic geology, and metallurgy, including nearly two full days per week in laboratories and drafting room. In the second term each student prepares a thesis on an experimental investigation, and works on problems in mine design.

A Field School in mining, mineral dressing, and geology is held between the third and fourth years, beginning immediately after the close of the April examinations. Students are taken on a trip to some important mining district where mines and plants are studied.

The fee for this trip is not included in the regular fee and is payable to the University on or about the 15th of April immediately preceding the trip. The fee will vary from year to year, depending upon the itinerary and general conditions, and will be established annually while making arrangements for the Field School.

Facilities are available for graduate students who wish to do advanced work in mining or mineral dressing, and the Department possesses three Research Fellowships open to graduates who show ability. (See Scholarships Announcement.)

NOTE:

In view of impending re-arrangements of Laboratory and Library facilities in the Department, applications for graduate work will not be considered for Session 1950-51.

Refer to page 1415 for regulations regarding physical examination.

SECOND YEAR (2M)

As in other Engineering courses (See page 1421)

Mining Engineering

SECOND YEAR (2A=3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	..	..	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Mine Projections	740	..	1	..	2
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analyais	942	2	..	6	..
Inorganic Quantitative Analysis	970	..	1	..	6
General Geology	1122	2	2	3	2
Mineralogy	1124	2	2	..	..
Determinative Mineralogy	1120	..	..	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		15	13	17	18

*Taken in four weeks following the close of the first year. Students entering from other universities do this work in a special summer school before entering second year (2A) (see page 1441).

Mining Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Strength of Materials	373	2	2	..	3
Surveying	375	2	..	..	..
*Summer School	377	..	..	..	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgical Laboratory	662	..	..	3	..
Metallurgy of Iron and Steel	666	1	1	..	..
Mineral Dressing	668	1	1	3	3
©Summer School	674	..	..	..	..
Mapping	760	..	..	3	..
Mining Methods	762	2	..	..	..
Summer Essay	840	..	..	..	..
Petrology	1144	..	2	..	3
Structural and Field Geology	1146	2	..	3	..
Applied Geophysics	1360	..	2	..	..
Economics	1435	..	2	..	..
Total hours		14	15	18	18

*Taken in four weeks following the second year.
©Taken in two weeks prior to the opening of session in the third or fourth year.

Mining Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2	..	3	..
General Metallurgy	686	2	2	..	..
Mineral Dressing	697	2	..	3	..
Mineral Dressing	698	..	1	..	3
*Summer School	764	..	..	..	..
Industrial Psychology at Mines	780	2	2	..	..
Mine Design	782	..	..	5	5
Mine Finance and Cost Control	784	..	2	..	..
Mining Colloquium	786	..	1	..	..
Mining Engineering	788	2	3	..	..
Mining Engineering Problems	790	..	..	2	2
Ore Analysis	792	..	..	3	..
Summer Essay	850	..	..	..	..
Geology and Natural Resources of Canada	1160	..	2	..	3
Ore Deposits	1162	2	2	..	3
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
Total hours		15	16	16	16

*Taken in two or three weeks at the close of the third year.

VIII. ENGINEERING PHYSICS

The courses leading to the degree of B.Eng. in Engineering Physics are planned for those students who wish to fit themselves for positions in the fields of design, development, and research. These courses are at present arranged for students specializing primarily in Electrical Engineering and Electrical Physics, but the group of courses as a whole places emphasis on a considerable range of Physics and Mathematics.

Since the opportunities in the fields of design, development, and research are in general limited to those who show a marked aptitude for both technical and theoretical work, registration in Engineering Physics is restricted to those students who have completed second year Engineering (2M) with high second-class standing or better. Moreover, students who do not maintain an average of 65% are not allowed to continue in Engineering Physics. They may, however, transfer to Electrical Engineering at the end of any year if they have obtained a minimum of 50% in all courses of that year.

Alternative groups of courses associated closely with other branches of engineering may be offered when the demand for Engineering Physicists in these branches is assured.

SECOND YEAR (2M)

As in other Engineering courses (See page 1421).

Engineering Physics

SECOND YEAR (2A=3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	..	..	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
*Summer School	352	..	..	..	..
Electrical Engineering	440	..	2	..	3
Mechanical Drawing	540	..	..	3	..
Summer Essay	830	..	..	..	..
Advanced Calculus	1240	3	2	..	..
Differential Equations	1244	1	2	..	..
Nomography	1246	1	1	..	..
Problems in Mathematics and Physics	1248	..	..	3	3
Physics	1340	2	2	..	..
Advanced Heat	1342	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Economics	1435	..	2	..	..
Engineering Reports	1445	1	1	..	..
Total hours		12	16	11	11

*Counted as part of the second year curriculum, but taken in four weeks following the close of the first year. Students entering from other universities do this work in a special summer school before entering second year (see page 1441).

Engineering Physics
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	464	..	..	9	6
Thermionic Tube Theory	466	..	2	..	3
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Electron Physics	1362	2	..	..	..
Advanced Light	1364	2	1	3	3
Properties of Matter (extra)	1366	..	1	..	..
Statics and Dynamics	1368	3	3	..	..
Total hours		14	13	13	16

Engineering Physics
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Communication Engineering (Wire)	480	2	..	..	..
Electrical Engineering	485	4	..	..	..
Electrical Engineering Laboratory	487	..	..	3	..
Radio Engineering	494	2	2	..	..
Radio Engineering Laboratory	495	..	..	6	6
Summer Essay	850	..	..	..	..
Mathematical Physics	1390	3	3	..	..
Atomic Physics	1382	2	(2)*	3	..
Radioactivity	1392	..	2	..	3
Electric Measurements	1384	1	1	3	3
Electrical Measurements (extra)	1386	1	1	2	2
Electromagnetic Theory	1388	1	2	..	..
Total hours		15	12	15	12

*In the second term course 1382 becomes an extra, but attendance at the two lectures per week is recommended, although not required.

SUMMER SCHOOLS

Undergraduates are required to attend Regular Summer Schools as specified below.The times at which they are held, and the work covered, are set forth in detail under the course numbers referred to.

See note under fees, page 1415.

Except as noted, classes are expected to begin on or about April 26th and close about May 24th.

REGULAR SUMMER SCHOOLS

CURRICULUM	Students Entering 2A Second year		3A Third year		4A, 5A Fourth year, and fifth year Architecture	
	Course	Page	Course	Page	Course	Page
Architecture	352	..	..	..	165 166	..
Chemical Engineering	..	..	946	..	..	..
Civil Engineering:						
Regular Course	352	..	377	..	394	..
Applied Mechanics option.	352	..	..	..	..	..
Electrical Engineering	352	..	..	..	..	..
Mechanical Engineering	352	..	572 574	..	..	..
Metallurgical Engineering	352	..	..	..	..	..
Mining Engineering	352	..	377	..	..	..
Engineering Physics	352	..	..	..	..	..

SPECIAL SUMMER SCHOOLS

As it is seldom practicable for students admitted to advanced standing in McGill University from other colleges to attend the May Summer School preceding the work of the year to which they are admitted, the following arrangements have been made for such students, but it must be understood that they apply only to students who have not previously been in attendance in the Faculty of Engineering.

(a) Students entering the second year (2A) from other universities, except in Chemical Engineering, are required to attend a Summer School in Surveying which opens on or about September 12th, 1950, preceding the work of the Session. Additional work may be required in the following year, if necessary, to cover the course.

(b) Students entering the third year (3A) of the course in Mechanical Engineering will be required to attend a Summer School in Mechanical Drawing and Machine Shop Work extending over a period of about four weeks, commencing September 5th, 1950.

(c) Students entering the third year (3A) in the course in Civil or Mining Engineering are required to attend a Summer School in Surveying which opens on or about September 12th, 1950.

(d) Students entering the fourth year (4A) in Civil Engineering are required to attend a Summer School in Surveying which opens on or about September 12th, 1950.

(e) Students entering the second year (2A) or any subsequent year in the School of Architecture must submit evidence satisfactory to the Director that they have done work equivalent to that of the regular scheduled summer schools.

(f) Students entering the fourth year (4A) in the courses in Mining Engineering are required to submit evidence that they have had at least six months' practical experience in Mining Work.

(g) Students in Mining or Metallurgical Engineering are required to attend a Summer School in Fire Assaying (672) prior to entering either their third (3A) or fourth (4A) year. This summer school will not be given in session 1950-51.

SUMMER WORK AND SUMMER ESSAYS

Students in Engineering are required to submit to the Faculty evidence of having had at least six months of experience in practical engineering work before receiving their degrees (see page 1419). Evidence of such employment must be submitted on forms obtainable at the Dean's Office, to be signed by the employer, and handed in at that office not later than 12 noon, Saturday, October 14th, 1950.

A similar regulation applies to students in Architecture.

GENERAL REQUIREMENTS FOR ESSAYS

Essays are regarded as an important part of the curriculum and a high standard is exacted. They are judged on their subject matter, on their literary style and on the evidence they show of thoughtful observation and preparation.

The most suitable subject for an essay is a topic drawn from the experience of the student during his summer work, but a similar topic connected with any engineering, scientific or industrial work with which he is familiar is acceptable. Students should take advantage of every opportunity during their summer engagements to gather material for their essays.

No essay compiled entirely from matter already published will be accepted from any student unless ACCOMPANIED by a letter of approval from the Chairman of his Department, or in the case of students of the first year and of the second year in the general course, from the Chairman of the Department naturally concerned with the topic upon which the student proposes to write. Such approval is not usually given, unless the proposed essay will serve a really useful purpose by bringing together important information otherwise difficult of access.

Data from books and from other sources, may, however, be used or even quoted verbatim in reasonable quantity, provided acknowledgement is made and direct quotations are indicated. Thanks for assistance, advice, drawings, photographs and the like received by the writer from others should also be given under "Acknowledgements".

Essays should be from 2,000 to 5,000 words in length. The student is therefore strongly advised to select a topic which can be treated with reasonable completeness within these limits.

Unless absolutely essential, it is not desirable to accompany essays with samples and specimens. Careful writing and adequate illustration will usually make these unnecessary.

Essays must be TYPEWRITTEN on one side only of 8½ x 11-inch white paper of good quality and bound in the standard cover.

The schedule by which essays are ranked is as follows:

A—Physical Presentation

Title, name, course and year on cover; table of contents or index; list of illustrations, drawings, maps, etc.; suitability of illustrations, etc.; neatness—15 to 25 marks.

B—Content

Suitability; originality; evidence of accurate observation; authority and accuracy—30 to 40 marks.

C—Organization

Acknowledgements; headings and sub-headings; tables; references; bibliography—15 marks.

D—Composition

Grammar; spelling; phraseology; style and interest; clarity and lucidity —30 marks.

After ranking, essays, except those to be considered for prizes or those which must be rewritten, are returned to the writers through the Engineering Library. Essays considered for prizes, but not awarded any, are also returned in the same manner, but at a later date. Prize-winning essays become the property of the Engineering Undergraduates' Society and are filed for permanent reference in the Engineering Library. Any student who does not wish to surrender his essay should, therefore, indicate by letter ATTACHED THERETO that it is not to be considered for a prize.

Students are encouraged to submit their essays to the Engineering Institute of Canada, to the Canadian Institute of Mining and Metallurgy, to the Institute of Radio Engineers or to the Society of Chemical Industry in competition for prizes offered by these institutes. A student wishing to enter one of these competitions should so indicate by letter ATTACHED TO his essay.

Summer essays must be handed in at the Engineering Library, Engineering Building, not later than 5 p.m., Monday, October 2nd, 1950.

REQUIREMENTS FOR SUMMER WORK

STUDENTS IN ARCHITECTURE

During each summer vacation students are required to obtain at least six week's practical experience satisfactory to the Faculty and to prepare an essay of about 3,000 words upon their summer employment. Rules governing these essays are as stated for summer essays.

STUDENTS IN ENGINEERING

Second Year (2A)

830. SUMMER ESSAY. Students entering the second year must submit an essay. The essay, which should be approximately 2,000 words in length, must be illustrated and must conform to the requirements for essays stated above.

Students who are not engaged during the summer in engineering, scientific or industrial work that would provide a suitable subject for an essay, may write on one of the following subjects:

Chemical Engineering: (1) A survey of a local chemical or semi-chemical industry; (2) A survey of a municipal or local engineering utility such as: (i) Water-works system; (ii) Gas production and distribution system; (iii) Sewerage or sewage-disposal system; (iv) Pipe-line system for oil or gas.

Other Engineering Courses: (1) The Engineer's Place in Society; (2) Engineering Societies and their Functions; (3) Licensing of Engineers; (4) The Engineer and Collective Bargaining.

Third Year (3A)

840. SUMMER ESSAY. Students entering the third year must submit an essay, preferably on engineering work in which they have been engaged. Essays must conform to the requirements stated.

Students who are not engaged during the summer in suitable engineering, scientific or industrial work are advised themselves to choose a subject for an essay, in consultation with the Chairman of their Department, or they may write on one of the following:

Chemical Engineering: (1) A survey of a local chemical or semi-chemical industry; (2) Recording instruments for pressure, or temperature, or flow; (3) Basic principles of automatic control in an industrial process; (4) Nomographic charts in chemical processes; (5) Design of one unit or equipment in a chemical industrial process.

Civil Engineering: (1) Historical Development of Trussed Frameworks; (2) Historical Development of Reinforced Concrete; (3) Ancient and Modern Water Supplies.

Electrical Engineering: The Application of Electric Power to Industrial Establishments.

Mechanical Engineering: (1) Powdered Fuel for Power Production; (2) Pulp and Paper Manufacture; (3) Shop Management.

Metallurgical Engineering: (1) Roasting Sulphide Concentrates; (2) Reverberatory Copper Smelting; (3) Heat Treatment of Steel.

Mining Engineering: (1) Explosives Used in Mining; (2) Hoisting from Mines; (3) Mucking and Transportation in Mines; (4) The Cyanide Process for Extraction of Minerals from Ores.

Fourth Year (4A)

850. SUMMER ESSAY. Students entering the fourth year are required to submit an essay, preferably on engineering work in which they have been engaged. Students who are not engaged in suitable work may write on one of the following subjects, or preferably on an engineering subject approved by the Chairman of their Department.

Chemical Engineering: A critical essay on any one of the topics suggested for second- and third-year Chemical Engineering essays.

Civil Engineering: (1) Welding of Structural Steel; (2) High-Early-Strength Concrete; (3) Aerial Surveying; (4) Small-Town Sewage Disposal Plants; (5) A Short History of Soil Mechanics.

Electrical Engineering: (1) Applications of Electricity to any Particular Branch of Industry, or to Industry in General; (2) Applications of Thermionic Tubes to Electrical Communication and to Industry; (3) Electrification of Railways; (4) The Insulation of Underground Cables or of Overhead Lines; (5) The Magnetic Properties of Iron and its Alloys.

Mechanical Engineering: (1) Power Costs; (2) Central Station Heating; (3) Methods of Increasing Production in Manufacturing; (4) Diesel-driven Motor Buses.

Metallurgical Engineering: (1) The Treatment, Uses and Disposal of Gases from Metallurgical Furnaces; (2) The Economic Use of Electric Power in Metallurgical Furnaces; (3) Corrosion-resisting Alloy Steels; (4) Electro-metallurgical Industries.

Mining Engineering: (1) Prospecting and Exploration of Mineral Deposits; (2) Mine Drainage; (3) The Flotation Process for Ore Concentration; (4) Compressed Air and its Application to Mining; (5) Mineral Production and its Effect on Industrial Development.

Essays must conform in all respects to the requirements stated on pages 1442 and 1443.

Courses of Instruction

SCHOOL OF ARCHITECTURE

Director and Associate Professor	JOHN BLAND
Associate Professor	HAROLD SPENCE-SALES
Sessional Lecturers	WATSON BALHARRIE L. AUSTIN JOHNSON ARTHUR LISMER HAZEN SISE A. STUART WILSON
Sessional Instructors	DAVID F. LEBENSOLD GORDON WEBBER
Demonstrators	

Advisory Committee (see page 1406)

SECOND YEAR (2M)

115. ARCHITECTURAL DRAWING AND ELEMENTS OF DESIGN. Descriptive geometry; orthographic projection; simple pictorial representation; perspective by various methods; shades and shadows; interpenetrations; developments; lettering. Basic visual elements, line, form, colour, texture. Practical experiments in water colour, tempera, dyes and inks. Given only upon the demand of four or more students in place of Mechanical Drawing 521.

2 lectures and 6 hours problems per week, session.

Professor Bland and Mr. Webber

SECOND YEAR (2A)

130. ARCHITECTURAL REPORT. Students are required to prepare a paper during the session on some aspect of historical architecture. It may be based upon references in literature or other available library records, or it may be a study of technique, material, structure or function in historic buildings as revealed by available records. Related to Course 134.

Professor Bland

131. BUILDING CONSTRUCTION I. Building materials and methods of construction according to good local practice; wood framing and masonry; preparation of detail drawings from plates and design of one or two simple structures. 1 lecture and 6 hours problems per week, first term; 1 lecture and 12 hours problems per week, second term. *Mr. Balharrie*

Textbooks: Frame Construction Details (Nat. Lumber Mfg. Ass'n); Gay and Parker, Materials and Methods of Building Construction (Wiley); Graf, Data Sheets (Reinhold); Ramsey and Sleeper, Architectural Graphic Standards (Wiley).

132. ELEMENTS OF DESIGN. Applications of colour and texture experiments to renderings of planes in space. Designing and producing three dimensional tactile structures and the applications of visual aids in the presentation of architectural projects.

3 hours per week, session. *Mr. Webber*

133. FREEHAND DRAWING AND MODELLING. Drawing, painting and modelling and experiments in the forms and techniques of historic style. Related to Course 135. Classes held in the Art Association.

3 hours per week, session.

Dr. Lismer and Messrs. Armstrong, Byers, Douet, and Grier

134. HISTORY OF MEDIAEVAL, RENAISSANCE, AND MODERN ARCHITECTURE. A survey of building forms in relation to purpose, materials, technique of construction, traditions, and climates. Related to Course 130.

2 lectures per week, session. *Professor Bland*

135. HISTORY OF ART. This course is a chronological survey of the changes in painting and sculpture from prehistoric times to the present day. Related to Course 133. Illustrated notes are required.

1 lecture per week, session. *Dr. Lismer*

830. SUMMER ESSAY. Before a degree is granted a student must have had at least six months' experience satisfactory to Faculty (see page 1419). During each summer the student must prepare an essay of about 3,000 words upon his summer employment.

THIRD YEAR (3A)

145. ÆSTHETICS AND THEORY OF DESIGN. This course describes the foundation of æsthetics and the character of design, form, colour, taste and their relationship to nature and the arts in industry and in modern life. Related to Course 150. Illustrated notes are required.

1 lecture per week, session. *Dr. Lismer*

146. ARCHITECTURAL REPORT. Related to Course 151. Continuation of Course 130. *Professor Bland*

147. BUILDING CONSTRUCTION II. Various structural systems and their architectural significance; construction and finish of walls, floors, ceilings and roofs; provision for mechanical services; by-law requirements. Detailed workings drawings of parts of design projects are prepared. Related to Course 148.

1 lecture per week, session. *Mr. Lebensold*

Textbooks: Huntingdon, Building Construction (Wiley); National Building Code (King's Printer).

148. DESIGN, CLASS A. Residential, industrial and educational buildings. 15 hours per week, first term; 6 hours per week, second term. *Mr. Lebensold*

Detail studies of two or three buildings are made each session in the third, fourth and fifth years. Students are required to investigate the main elements of a given project, considering function, historical and contemporary counterparts, structure, materials, details of finish, mechanical and other equipment, as well as æsthetic disciplines and enrichment. The method of consideration is usually as follows: (a) Written report with illustrations upon the proposed building outlining its purpose, materials and construction; (b) Preliminary plans, sections and elevations; (c) Structural layout; (d) Graphical abstractions of the building in order to clarify the pattern of the structure, the mass, the texture and colours of materials and the surface; (e) Working drawings of a part of the building; (f) Final presentation drawings or scale models with details of special features. Occasional short problems are introduced to develop speed in design and presentation. There are weekly conferences for discussion of the current project.

150. FREEHAND DRAWING AND MODELLING. Drawing, painting and modelling with practical experiments in design form. Related to Course 145. Continuation of Course 133. Classes held in the Art Association.

3 hours per week, session. *Dr. Lismer, Messrs. Armstrong, Byers, Douet, and Grier*

151. HISTORY OF RESIDENTIAL BUILDINGS. Primitive dwellings, ancient houses, mediæval houses, Jacobean and Palladian houses, early domestic buildings in America, modern houses and apartments. Course is related to Course 146.

2 lectures per week, session. *Professor Bland*

152. SOCIAL OBSERVATION FOR ARCHITECTS. Growth and pattern of cities. The sociological basis of town planning. Given in alternate years.

2 hours conference per week, session. *Professor Dawson*

840. SUMMER ESSAY. See Course 830.

FOURTH YEAR (4A)

160. ARCHITECTURAL REPORT. Related to Course 163. Continuation of Course 146.
Professor Bland

161. DESIGN, CLASS B. Recreation, transportation and hospital buildings (see third year Design, class A, 148).

15 hours problems per week, session. *Mr. Wilson*

162. DESIGN WORKSHOP. Study of light in relationship to architecture; model-making for light experiments; photographic recordings; photograms. Design of structures to illustrate objects in spatial relationship; solid, linear and transparent objects.

3 hours per week, session. *Mr. Webber*

163. HISTORY OF RELIGIOUS AND PUBLIC BUILDINGS. Temples, churches, cathedrals, palaces, theatres, and other monumental structures. Related to Course 160.

2 lectures per week, session *Professor Bland*

164. PLANNING. Elements of town planning; surveys of selected districts of Montreal. The course consists of environmental studies directed at a wider understanding of architectural and civic design.

2 lectures per week, session. *Professor Spence-Sales*

{165.
{166. SKETCHING SCHOOL. Students are required to attend two sketching schools during their course. The school is usually conducted out of town so that students are given the opportunity of examining and making graphic records of an unfamiliar district. About 10 days; opening date for 1950-51, September 18, 1950.

Dr. Lismer, Messrs. Webber and Wilson

850. SUMMER ESSAY. See Course 830.

FIFTH YEAR (5A)

175. ARCHITECTURAL REPORT. Related to Course 179, *which see.* Continuation of Course 160, but the chosen subject should be related, as far as possible, to present-day problems.
Mr. Sise

176. DESIGN, CLASS C. Complex buildings or groups of buildings usually including a housing problem and a commercial or a public building. Diploma design for graduation is done in the second term. The subject is selected by the student, but must be presented for approval before

January 3rd each year; presentation must be in the form of a written report and preliminary plans.

24 hours problems per week, session. *Professors Bland and Spence-Sales*

177. DESIGN SEMINAR. Seminar for investigating physiological and psychological requirements in building.

Scientists working in physiology, psychology, and other fields provide definite information about human environmental needs. Technicians have made possible new methods to meet these needs. The architect should have an understanding of both needs and methods, in order to satisfy modern building problems. One week, a specific need will be studied. The following week, experts will answer the questions arising out of the previous week's study.

2 hours per week, first term. *Professor Bland and Visitors*

178. DESIGN WORKSHOP. Special experiments in which the individual student presents a subject as a model, such as a theatre stage, a small house, furniture, a mural, a pamphlet, etc.

3 hours per week, first term. *Mr. Webber*

179. HISTORY OF MODERN ARCHITECTURE. The architectural consequences of the Industrial Revolution: development of new materials and techniques of construction, of new social requirements in a changed environment; the psychology of stylistic revivalism; the divorce between architecture and engineering; the changing role of the architect, etc. Despite the recent birth of a new style, the student is encouraged to regard the dynamic interaction of social and technological forces as a continuing process in which he himself is involved and towards which he should adopt a positive viewpoint.

2 lectures per week, session. *Mr. Sise*

180. PROFESSIONAL PRACTICE. Essential characteristics and more important phases of the architect's work; relationship to the owner; responsibility; business conduct; fees; supervision; arbitration; issuing of certificates; competitions; standard forms of contracts; payment; liens; servitudes; public health; building regulations.

2 lectures per week, second term. *Mr. Johnson*

181. SPECIFICATIONS. Principles of writing architectural specifications; discussion of actual specifications; essays on common building materials; practice in specifying for common trades.

1 lecture per week, session. *Mr. Balharrie*

Textbooks: Sleeper, Architectural Specifications (Wiley); National Building Code (King's Printer); N.H.A. Specifications; Master Specifications (Home Owner's Loan Corp.).

860. SUMMER ESSAY. See Course 830.

DEPARTMENT OF CHEMICAL ENGINEERING

Professor	J. B. PHILLIPS, *Chairman*
Associate Professor	WILLIAM GAUVIN
Lecturer	F. H. KNELMAN
Demonstrators	

SECOND YEAR (2A)

240. ENGINEERING PROBLEMS. Applications of physical and chemical principles to some fundamental problems in Chemical Engineering.

1 lecture and 2 hours problems per week, first term.

Professor Phillips and Mr. Knelman

830. SUMMER ESSAY. (See page 1444.)

THIRD YEAR (3A)

260. CHEMICAL TECHNOLOGY. Technology of chemical industries: acids; alkalis; gases; organic synthesis and pressure processes; petroleum products; wood pulp and synthetic fibres; materials of construction; flow-sheets; economic principles.

2 lectures per week, session. *Professor Phillips*

Reference book: Shreve, Chemical Process Industries (McGraw-Hill).

264. ELEMENTARY CHEMICAL ENGINEERING. Stoichiometry, with applications in combustion and some manufacturing processes; thermodynamic properties of systems; physical chemistry of solutions; hydrostatics and fluid flow (correlated with Course 260).

2 lectures per week, session. *Professor Gauvin*

Textbook: Arnold, Chemical Engineering Stoichiometry (The Author).

266. INORGANIC CHEMICAL TECHNOLOGY. First term of Course 260.

2 lectures per week, first term. *Professor Phillips*

268. THERMODYNAMICS. The first law, including enthalpy balances, heats of reaction, flow processes; the second law; thermodynamic cycles and charts; elementary chemical reaction equilibria.

2 lectures per week, session. *Professor Gauvin*

Textbook: Weber, Thermodynamics for Chemical Engineers (Wiley).

840. SUMMER ESSAY. (See page 1444.)

FOURTH YEAR (4A)

280. CHEMICAL ENGINEERING (A). Study of unit operations based on thermodynamics: flow of gases and liquids; heat transfer; evaporation; dimensional analysis; nomographic charts; assigned problems.

3 lectures per week, session. *Professor Phillips*

Textbook: Walker, Lewis, McAdams and Gilliland, Principles of Chemical Engineering (McGraw-Hill).

282. CHEMICAL ENGINEERING (B). Study of unit operations based on diffusional processes: absorption; extraction; distillation; drying; humidification; filtration; assigned problems.

3 lectures per week, session. *Professor Phillips*

Textbook: as for Course 280.

284. CHEMICAL ENGINEERING DESIGN. Methods and calculations in the design of chemical process equipment. Economic balance in processes.

1 lecture per week, session. *Professor Phillips*

286. CHEMICAL ENGINEERING LABORATORY. Experiments in the topics discussed in Courses 280 and 282, with reports; supervised problem periods in related work.

3 hours laboratory and 3 hours problems per week, session.

Professors Gauvin and Phillips and Demonstrators

288. THERMODYNAMICS. Advanced topics in refrigeration, power plant cycles, steam turbines and evaporation. Chemical reaction equilibria, equilibrium conversion, and estimation of equilibrium constants from thermal data.

2 lectures per week, session. *Professor Gauvin*

Reference book: Dodge, Chemical Engineering Thermodynamics (McGraw-Hill).

850. SUMMER ESSAY. (See page 1445.)

POSTGRADUATE COURSES

Graduates in Chemical Engineering may proceed, if their work has been of sufficiently high standard, to the Master's degree in Chemistry or in Chemical Engineering. See Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF CHEMISTRY

Professors	Otto Maass, *Chairman*
	W. H. Hatcher
	C. B. Purves
	C. A. Winkler
Associate Professors	J. H. Mennie
	R. V. V. Nicholls
	Alfreds Taurins
Assistant Professors	R. K. Holcomb
	A. S. Ross
Lecturers	W. G. Bowen
	Roderick Robertson
Demonstrators	_____

FIRST YEAR (1M)

902 (Arts and Science 11). GENERAL CHEMISTRY

General survey of chemical theory and of inorganic chemistry including atomic and kinetic theories, equivalent, atomic and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periodic table, preparation and properties of important elements and compounds.

2 hours, one tutorial and 3 hours laboratory, session.

Professors Hatcher and Holcomb and Staff

Textbook: Brinkley, Introduction to College Chemistry (Macmillan).

SECOND YEAR (2M)

922. (Arts and Science 24). ELEMENTARY PHYSICAL CHEMISTRY. A survey of physical chemical theory and experimental methods, with problems to illustrate physico-chemical principles and to provide practice in the handling of experimental data and dimensional units.

2 lectures and 1 hour problems per week, session.

Professor Maass and Mr. Robertson

Textbook: Maass and Steacie, Introduction to the Principles of Physical Chemistry, Second Edition (Wiley).

SECOND YEAR (2A)

942 (Arts and Science 23a). INORGANIC QUALITATIVE ANALYSIS AND LABORATORY. Reactions of electrolytes in solution in terms of ionization theory:

ionization constant; solubility product constant; common ion effect; formation and dissolution of precipitates; complex ions; amphoteric electrolytes; hydrolysis; systematic separation and identification of the common ions.

2 lectures and 6 hours laboratory per week, first term.

Professors Mennie and Holcomb

Textbook: Curtman, Qualitative Chemical Analysis (Macmillan).

944 (Arts and Science 23b). INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods; simple gravimetric determinations; typical volumetric procedures including neutralization, precipitation and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

2 lectures and 9 hours laboratory per week, second term.

Professors Mennie and Holcomb

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

946. INORGANIC QUANTITATIVE ANALYSIS LABORATORY. Theory of oxidation-reduction reactions; theory of electrolytic analysis; theory of buffer action and applications in systematic analysis; further volumetric and gravimetric procedures and the systematic analysis of limestone and brass. Four weeks' summer school. (See page 1441). *Professor Mennie*

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

948 (Arts and Science 22). ORGANIC CHEMISTRY. Hydro-carbons, aliphatic, alicyclic and benzenoid; organic halides; alcohols; ethers; aldehydes and ketones including 1,4-addition and tautomerism; acids; esters including Claisen condensation, Michael condensation and malonic ester condensation; acid chlorides, anhydrides and amides; amines; cyanides and isocyanides; compounds containing sulphur; organo-metallic compounds; cis-trans isomerism; optical isomerism; electro-valence, covalence and coordinate-covalence.

2 lectures per week, session. *Professor Hatcher and Dr. Bowen*

950 (Arts and Science 22). ORGANIC CHEMISTRY LABORATORY. Experiments illustrative of Course 948.

3 hours per week, session. *Dr. Bowen*

Laboratory text: Nicholls, An Introduction to Practical Organic Chemistry (Pitman).

THIRD YEAR (3A)

962 (Arts and Science 32). ADVANCED ORGANIC CHEMISTRY AND LABORATORY. Electronic character, methods of synthesis, physical, chemical and physiological properties of the principal bonds encountered in organic compounds; modern reaction mechanisms; interaction of functional groups; industrial applications of organic chemistry.

2 lectures and 6 hours laboratory per week, session. *Professor Nicholls*

964 (Arts and Science 35). CHEMICAL THERMODYNAMICS

2 lectures per week, session. *Professor Winkler*

Textbooks: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

966 (Arts and Science 40). CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS. Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical and mechanical properties; experimental methods for controlling and determining the structures of polymers; properties of commercially available materials; methods of fabrication.

1 lecture per week, session. *Professor Nicholls*

968 (Arts and Science 34L). ELEMENTARY PHYSICAL LABORATORY. Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids and solutions.

3 hours per week, session. *Professors Winkler and Ross*

Textbook: Daniels, Matthews and Williams, Experimental Physical Chemistry 4th ed. (McGraw-Hill.)

970 INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Theory of indicators and acid-base titrations; oxidation-reduction titrations; gravimetric and volumetric precipitation; representative laboratory procedures illustrating the above. This course in also available for students in Geology in the Faculty of Arts and Science.

1 lecture and 6 hours laboratory per week, second term.
Professor Mennie

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

972 (Arts and Science 34). PHYSICAL CHEMISTRY. Kinetic theory of gases; mathematical deduction of fundamental relations for velocity, collision

frequency, viscosity, thermal conductivity, diffusion, etc.; discussion of imperfect gases.

1 lecture per week, session. *Professor Winkler*

Textbook: Loeb, Kinetic Theory of Gases (McGraw-Hill).

FOURTH YEAR (4A)

982 (Arts and Science 44). ADVANCED PHYSICAL CHEMISTRY. Chemical kinetics; factors affecting rates of homogeneous and heterogeneous reactions; activation energy theories of reaction mechanisms; phase rule.

2 lectures per week, first term; 1 lecture per week, second term. *Professors Winkler and Ross*

Textbooks: Glasstone, Text-Book of Physical Chemistry (Van Nostrand).

984. ADVANCED PHYSICAL CHEMISTRY LABORATORY. Physico-chemical measurements related to the requirements of chemical engineering design and practice.

3 hours per week, session. *Professor Ross*

Textbook: Daniels, Matthews and Williams, Experimental Physical Chemistry (McGraw-Hill).

986. (Arts and Science 46). COLLOID CHEMISTRY. Descriptive thermo-dynamic and kinetic treatment of the properties of surfaces, sols, emulsions and gels.

1 lecture per week, session. *Professor Ross*

Reference books: Lewis, Squires and Broughton, Industrial Chemistry of Colloidal and Amorphous Materials (Macmillan); Weiser, Colloid Chemistry 2nd ed. (Wiley); Hartman, Colloid Chemistry 2nd ed. (Houghton Mifflin); Adam, Physics and Chemistry of Surfaces, 3rd ed. (Clarendon Press); Brunauer, Absorption of Gases and Vapors, Vol. I (Princeton Univ. Press).

988 (Arts and Science 47a). ELECTROCHEMISTRY. Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena, etc.

First term: 2 hours per week. *Professor Ross*

Textbooks: Glasstone, Introduction to Electrochemistry (Van Nostrand).

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors	R. E. JAMIESON, *Chairman*
Professor (post-retirement)	R. DEL. FRENCH
Associate Professors	L. J. ARCAND CARLETON CRAIG
Assistant Professors	J. L. DE STEIN V. W. G. WILSON
Lecturers	S. A. NEILSON ANDREJS PAKALNINS
Lecturers (Part-time)	W. S. MCILQUHAM J. G. SUTHERLAND
Demonstrators	

SECOND YEAR (2M)

320. ENGINEERING PROBLEMS. Application of mathematics and mechanics to simple scientific and engineering problems, with special attention to mathematical and graphical presentation of ideas, including elementary graphical statics.

3 hours per week, session. *Staff*

322. MECHANICS. Elementary dynamics of particles; rectilinear motion; projectiles; the inclined plane and pulleys; impulse, impact and momentum of streams of particles; energy; statics, including equilibrium of concurrent and non-concurrent co-planar forces; the funicular polygon; problems of simple beams and frameworks, with stress analysis by the method of sections.

2 lectures per week, session. *Professor de Stein and Mr. Neilson*

324. SURVEYING. Early practice and origin of instruments; the level—types and limitations; optics; direct and indirect levelling exercises; the compass and its uses; the transit—the vernier, horizontal and vertical angles, types of traverses, stadia; the chain and tape—uses and limitations; units of measurements; latitudes and departures; areas; simple circular curves.

2 lectures per week, second term. *Professor Arcand and Staff*

Textbook: Breed, Surveying (Wiley).

SECOND YEAR (2A)

340. DESCRIPTIVE GEOMETRY.

Fundamentals of orthographic projection; characteristics of lines and plane; plane figures and solids; auxiliary projections ; analytical solutions; dihedral angles; solutions on cones; structural and piping problems.

3 hours per week, session. *Professors Arcand and Glynn*

342. MATERIALS OF ENGINEERING. An account of the sources, winning, general properties, trade practices and economics of both non-metallic and metallic materials and their products, used in engineering construction and in the manufacturing industries, with emphasis on those not discussed in more detail in subsequent courses.

Reading Course.

Textbook: University notes.

344. MAPPING. Plotting from transit-and-chain and stadia notes taken in Course 352; earthwork calculations using the planimeter; inking, tinting and finishing map, with title, legend, north-point and border.

6 hours per week, first term. *Professor Arcand and Staff*

Textbook: Sloane and Montz, Elements of Topographic Drawing (McGraw-Hill).

346. MAPPING. Plotting from transit-and-chain and stadia notes; practice with planimeter.

3 hours per week, first term. *Professor Arcand and Staff*

Textbook: Sloane and Montz, Elements of Topographic Drawing (McGraw-Hill).

348. MECHANICS (Analytical). Equilibrium of forces; friction; graphical statics; bending moment and shear; analytical statics; relative velocities; variable rectilinear and curvilinear motion; simple harmonic motion with applications to pendulums and to springs; kinetic energy; liquid pressure; moments of inertia. Methods of the calculus are used freely.

2 lectures and 2 hours problems per week, session.
Professors de Stein and Wilson and Mr. Neilson

Textbooks: Poorman, Applied Mechanics (McGraw-Hill); Girvin, Applied Mechanics (Int. Textbook Co.).

349. MECHANICS (Graphics). Graphical portion of Course 348.

350. SURVEYING. Adjustments of level and of transit; theory and use of the polar planimeter; latitudes and departures; areas; plotting co-ordinates; partition of land; missing sides; stadia surveying; cross-sections, grids and slope stakes; circular curves; vertical curves; the spiral; chaining errors and corrections.

2 lectures per week, first term. *Professor Arcand and Mr. Neilson*

Textbook: Breed, Surveying (Wiley).

352. SUMMER SCHOOL. Practice in chaining and taping; use of the level and of the transit; complete survey of a tract of land.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

830. SUMMER ESSAY. (See page 1444).

THIRD YEAR (3A)

360. ELEMENTS OF STRUCTURAL DESIGN. Beams; plate girders; columns; roof trusses; rivetted and welded connections; timber structures; working drawings; estimating quantities and costs.

2 lectures and 2 hours problems per week, second term.

Professor de Stein

Textbooks: Williams and Harris, Structural Design in Metals (Ronald); Bishop, Structural Drafting and Design of Details (Wiley); Steel Construction (A.I.S.C.); Standard Specifications for Steel Structures for Buildings (C.S.A.).

362. FOUNDATIONS AND MASONRY. Design and construction of plain concrete; borings; bearing power of soils; piles and pile driving; footings; grillages; underpinning; foundations under water; coffer dams; caissons; estimating quantities and costs.

1 lecture per week, session; 3 hours problems per week, second term.

Professor de Stein

Textbook: Jacoby and Davis, Foundations of Bridges and Buildings (McGraw-Hill); Andersen, Substructure Analysis and Design (Irwin-Farnham).

364. HYDRAULICS AND LABORATORY. Properties of fluids; hydrostatics; measurement of flow with orifices, weirs and Venturi meters; Bernoulli's theorem; laminar and turbulent flow; flow in pipes and open channels; divided flow.

2 lectures per week, first term. *Professors Craig and Wilson*

3 hours laboratory per week, first term. *Professor Wilson and Staff*

Textbook: Ellis, Elements of Hydraulic Engineering (Van Nostrand).

368. MAP PROJECTIONS. Graphical determination of spherical triangles spherical projections; construction of maps.

1 lecture and 2 hours problems per week, first term.

370. MECHANICS. Translation and rotation of solids, including problems of rolling on plane surfaces; compound pendulums; reciprocating machinery with analysis of internal stresses; angular momentum and impact; introduction to the gyroscope with problems and examples of application.

2 lectures per week, first term. *Professor Jamieson*

Textbooks: Worthington, Dynamics of Rotation (Longmans Green); Poorman, Applied Mechanics (McGraw-Hill).

371. RAILWAY AND HIGHWAY ENGINEERING. a—Surveys; grades; curvature; earthwork; track; mechanical operation; economics of location and operation; location project and estimate based on summer survey. b—In addition, highway economics; elementary soil mechanics; paving materials and construction; lighting; incidental structures; safety.

2 lectures and 6 hours problems and laboratory, first term; 1 lecture and 3 hours problems, second term. *Professor Arcand and staff*

Textbooks: Allen, Railway Curves and Earthwork (McGraw-Hill); Williams, Design of Railway Location (Wiley); Tratman, Railway Track and Trackwork (McGraw-Hill); Bruce, Highway Design and Construction (Int. Textbook Co.); University notes.

372. SANITARY SCIENCE. Communicable diseases; infection, disinfection and quarantine; water and water-borne diseases; sewage and waste disposal; venereal disease; housing; workmen's compensation.

1 lecture per week, first term. *Professor C. W. MacMillan*

373. STRENGTH OF MATERIALS. Stress, strain, resilience and elastic properties of materials; bending moment and shear diagrams; simple, fixed and continuous beams; reinforced concrete beams; torsion and bending in shafts and springs; columns; bending combined with direct stress; elementary consideration of compound stresses; distribution of shear.

2 lectures per week, session. *Professors Jamieson and de Stein*

3 hours laboratory per week, second term. *Professor Wilson and Staff*

Textbook: Warnock, Strength of Materials, (Pitman).

Reference books: Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko-MacCullough, Elements of Strength of Materials (Van Nostrand).

375. SURVEYING. The plane table and its adjustments; the three-point problem; mine surveying; the auxiliary telescope; shaft plumbing; underground traversing; stope surveys; underground curves; borehole surveys; the Brunton compass.

2 lectures per week, first term. *Professor O'Shaughnessy*

Textbook: Staley, Introduction to Mine Surveying (Stanford Univ. Press).

376. SURVEYING AND ASTRONOMY. Surveying for construction; marine and box sextants; the alidade and its use; barometric and trigonometric levelling; hydrographic surveying; mine surveying; elements of geodetic surveying; historical and practical astronomy; solution of the ZPS triangle for azimuth, latitude, longitude and time.

2 lectures per week, session. *Professor Arcand*

Textbooks: Davis and Foote, Surveying (McGraw-Hill); Baker, Astronomy (Van Nostrand).

377. SUMMER SCHOOL. Preliminary railway or highway survey with transit, profile and topography parties; plane table, hand level and stadia; spiral curves; cross-sections; simple triangulation networks; reciprocal levelling; soundings; current-meter surveys; introduction to mine surveying; small geological survey with Brunton compass and chain; astronomical observations.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

840. SUMMER ESSAY. (See page 1444).

FOURTH YEAR (4A)

380. BRIDGE DESIGN. Selection of bridge types; loading; stress calculations; selection and design of members and connections; working drawings; estimating quantities and costs.

2 lectures and 6 hours problems per week, session. *Professor de Stein*

Textbooks: Kirkham, Structural Engineering (McGraw-Hill); Williams and Harris, Structural Design in Metals, (Ronald).

380A. BRIDGE DESIGN. Similar to Course 380, but 3 hours problems in second term only. *Professor de Stein*

381. DYNAMICS AND VIBRATION. Rotating axes; Lagrange equations; kinematics of vibration; complex representation; damping; resonance; coupled systems.

3 lectures per week, second term. *Professor Craig*

Reference books: Lamb, Dynamics (Cambridge); den Hartog, Mechanical Vibrations (McGraw-Hill); Timoshenko, Vibration Problems in Engineering (Van Nostrand); Von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill).

One of Courses 381 and 383 is given each year to both third- and fourth-year students in the applied mechanics option. The courses are given from the engineering point of view, with special attention to methods of approximation.

382. FOUNDATIONS AND REINFORCED CONCRETE. A continuation of Courses 374 and 390.

2 lectures per week and 3 hours problems per week, second term.
Professors de Stein and Jamieson

Textbooks: As specified for Courses 374 and 390.

383. FLUID MECHANICS. Dimensional analysis; kinematics of fluid flow; mechanics of resistance; boundary layers; open channel flow; dynamic lift and propulsion.

3 lectures per week, second term. *Professor Craig*

Reference books: Dodge and Thompson, Fluid Mechanics (McGraw-Hill; Rouse, Fluid Mechanics for Hydraulic Engineers (McGraw-Hill); Hunsaker and Rightmire, Engineering Applications of Fluid Mechanics (McGraw-Hill).

384. GEODESY. Adjustment and reduction of observations for horizontal and vertical control systems; figure of the earth; determination of azimuth, latitude and longitude; level datum planes; gravimetric surveys; errors of observation; elements of map projection.

Reference books: Hosmer, Goedesy (Wiley); Sharp, Geodetic Control Surveying (Wiley).

2 lectures per week, second term. *Professor Arcand*

385. GEODETIC LABORATORY. Measurement of magnifying power, of eccentricity of circles, and of small angles with sextant; determination of gravity, of error of run of theodolite microscopes, of constant of steel tapes, and of scale value of level vials; investigation of errors of graduation of steel bars and tapes and of transit circles; testing aneroid barometers.

3 hours per week, second term. *Professor Arcand*

386. HYDRAULIC MACHINES. Hydraulic problems in design and operation of hydro-electric projects; characteristics of impulse, reaction and propeller

turbines; specific speed; unit power; reduction of model tests; flow measurements for tests; centrifugal pumps.

2 lectures per week, second term. *Mr. McIlquham*

Textbooks: Russel, Hydraulics (Holt); Creager and Justin, Hydro-Electric Handbook (Wiley).

387. MUNICIPAL ENGINEERING. Basic engineering and biological principles of the design and construction of water supply and purification systems, and sewerage and sewage disposal works, with selected problems.

4 lectures per week, and 3 hours problems per week, first term.
Dr. Pakalnins

Textbook: Steel, Water Supply and Sewerage (McGraw-Hill).

388. PHOTOGRAMMETRY AND LABORATORY.

2 lectures per week, second term; 3 hours laboratory per week, second term. *Professor Arcand*

389. STRENGTH OF MATERIALS. (a) Floors and columns in reinforced concrete; critical study of standard specifications; footings; retaining walls. (b) Bending and deflection of beams loaded and supported in any manner; deflection due to shear; principle of least work applied to beams and to statically indeterminate problems; bending of curved bars and of unsymmetrical sections; elastic strains; relation between elastic constants; thick shells. Part (b) is optional for students in mechanical engineering.

1 lecture and 3 hours problems per week, first term; 2 lectures per week, second term. *Professor Jamieson*

Textbooks: Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko and Lessels, Applied Elasticity (W.T.N.S. Press); Sutherland and Reese, Reinforced Concrete Design (Wiley); Standard Specifications for Concrete (C.S.A.).

390. STRENGTH OF MATERIALS. Section (a) of Course 389.

391. STRENGTH OF MATERIALS. Section (b) of Course 389.

392. THEORY OF STRUCTURES. Analysis of statically determinate frames under fixed or moving loads; influence lines; distortion of frames; braced arches of two and of three hinges; hingeless arches of reinforced concrete; moment distribution; continuous girders of constant and of variable moment of inertia; rigid frames; frames with redundant members.

1 lecture and 3 hours problems per week, first term; 2 lectures and 6 hours problems per week, second term. *Professor Jamieson*

Textbooks: Johnson, Bryan and Turneaure, Modern Framed Structures, Parts I and II (Wiley); Shedd and Vawter, Theory of Simple Structures (McGraw-Hill); Sutherland and Bowman, Structural Theory (Wiley).

393. WASTE DISPOSAL. Methods of collection and disposal of garbage, rubbish, ashes, etc.; relative advantages and disadvantages, economic and sanitary.

1 lecture per week, first term. *Professor French*

Textbook: University notes.

Reference book: Refuse Collection Practice (Am. Pub. Wks. Assn.).

394. SUMMER SCHOOL. Practical engineering astronomy, with emphasis on the determination of latitude and azimuth; geodetic astronomy including Ball's method; precise levelling; precise triangulation, with related problems and base line measurements. Equipment available includes transits, precise and semi-precise levels, optical theodolites of various types, sextants, radio equipment for time signals, Monroe calculators.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

850. SUMMER ESSAY. (See page 1445).

SURVEYING SUMMER SCHOOLS

Surveying field work is required of all students entering the second year (2A), except those taking Chemical Engineering, of students entering the third year in the courses in Civil and in Mining Engineering, and of students entering the fourth year in Civil Engineering. The work will begin in 1951 on or about April 26th and will continue for four weeks.

Students entering second and higher years from other universities or from other faculties, who cannot attend the above courses in Field Work must attend Special Summer Schools, details of which are given on page 1441.

ECONOMICS, FINANCE, LAW

Professors K. F. BYRD
B. H. HIGGINS
F. C. JAMES

Lecturer G. S. CHALLIES

FIRST YEAR (1M)

1430 (Arts and Science 100). ECONOMIC HISTORY. Evolution of economic institutions; the ancient empires; economic and social aspects of the decline and fall of the Roman Empire; mediæval agrarian economy; fairs, towns and trading companies; mediæval money; the voyages of discovery; religion and the rise of capitalism; nationalism and mercantilism; the colonial system; the beginnings of modern banking; the great inventions and the factory system; North American industrial development; trade unions and the co-operative movement; legislative protection of the

worker; international finance; rise and fall of the gold standard; evolution of the central banking function; recent economic changes.

3 hours per week, session. *Professor James*

THIRD YEAR (3A)

1435. ENGINEERING ECONOMICS. An introduction to the general principles of economics, with emphasis on production and exchange. This course deals with the scope and method of economic analysis, the factors of production, forms of business organization and the functions of management, specialization, competition, monopoly, risk in industry and includes a brief review of money, credit and banking, and supply and demand analysis.

2 lectures per week, second term. *Professor Higgins*

Textbook: Bye, Principles of Economics (Crofts).

FOURTH YEAR (4A)

1437. ACCOUNTING. Business organization; principles of accounting; assets, liabilities, income and expense; books of account; summary of accounting procedure; manufacturing, trading, and profit and loss statements; balance sheet; analysis and interpretation of financial statements; cost accounting.

2 lectures per week, first term. *Professor Byrd*

1470. ENGINEERING LAW. Definition of law; different branches of law; distinction between civil and criminal law and between civil and common law; statutes, orders in council and by-laws; Canadian constitutional law and courts; civil law including marriage, tutorship, minority and interdiction, types of property, types of ownership, successions and wills; expropriation and servitudes; contracts generally; responsibility for negligence; Workmen's Compensation Act; privileges, hypothecs, registration and prescription; marriage contracts and rights of women; sale and lease and hire; engineering and architectural contracts; responsibility of architect and builder; organization of engineering and architectural professions; patents, trademarks, industrial design and copyright; partnership, and companies; mining; railways; expert evidence.

1 lecture per week, session. *Hon. Mr. Justice Challies*

ELECTIVE COURSES IN YEAR 1M

DEPARTMENT OF BOTANY

1400. (Arts and Science 11a) GENERAL BOTANY. The Seed Plant. The structure, functioning, and reproduction of higher plants, with an introduction to the major families of flowering plants and their economic significance.

2 hours lecture and 3 hours laboratory, per week, first term.

Professors Muriel V. Roscoe and S. M. Pady

1401. (Arts and Science 11b). GENERAL BOTANY. A survey of the Plant Kingdom. A study of representatives of the main plant groups on an evolutionary basis.

2 hours lecture and 3 hours laboratory per week, second term.

Professors R. D. Gibbs and S. M. Pady

DEPARTMENT OF CLASSICS

GREEK

All students taking Greek are expected to provide themselves with a grammar, a Greek-English distionary, a classical dictionary, and an atlas of ancient geography. The following are recommended: Goodwin, Greek Grammar (Ginn); Liddell and Scott, Greek Lexicon (abridged or intermediate); Atlas of Ancient and Classical Geography; and Smith, Smaller Classical Dictionary (Everyman, Dent).

1420 (Arts and Science 1). BEGINNERS' GREEK.

3 hours per week, session.

Textbooks: Crosby and Schaeffer, Introduction to Greek (Allyn & Bacon).

1421 (Arts and Science 2). (1) GREEK.

3 hours per week, session.

Textbooks: Colson, Greek Reader; Lectures on Greek Literature.

LATIN

All students taking Latin are expected to provide themselves with a grammar, a Latin-English dictionary, and an atlas of ancient geography. The following are recommended: Allen and Greenough, New Latin Grammar (Ginn); Lewis, School Dictionary, or White, Junior Students' Latin-English Dictionary; Atlas of Ancient and Classical Geography, and Smith, Smaller Classical Dictionary (Everyman's, Dent).

1425 (Arts and Science 1). BEGINNERS' LATIN.

3 hours per week, session.

Textbook: Hettich and Maitland, Latin Fundamentals (Prentice-Hall).

1426. (Arts and Science 2). INTERMEDIATE LATIN.

3 hours per week, session.

For those students only who have completed Latin 1 or its equivalent.

Textbooks: Hettich and Maitland, Latin Fundamentals; J. M. Milne, First Latin Reader (Harrap).

1427 (Arts and Science 11). LATIN.

3 hours per week, session.

Textbooks: Petrie, Latin Reader; Bonner and Niddrie, Latin Prose Composition (Ginn).

1428 (Arts and Science 12). LATIN (for more advanced students).

3 hours per week, session.

Textbooks: Petrie, Latin Reader; Tracy and Law, Latin Prose Composition (Clarke, Irwin).

DEPARTMENT OF ENGLISH

1440 (Arts and Science 100). ENGLISH LITERATURE AND COMPOSITION

Two hours of lectures and two of conferences per week, session.

Professor A. L. Phelps and Assistants

DEPARTMENT OF GEOGRAPHY

1000 (Arts and Science 12). (1) THE ELEMENTS OF PHYSICAL GEOGRAPHY. Scientific study of man's habitat; the course is divided into two main parts:

A. Lands and seas. Study of landscape evolution under different climates; general characteristics and circulation of ocean waters; distribution of plants and animals.

B. The atmosphere. Measurement of physical properties of atmosphere; weather processes; world climates, principal types, causes and characteristics; climatic control of human activity.

3 hours per week, session. *Professor F. K. Hare and Mr. H. N. Lash*

DEPARTMENT OF GERMAN

1450 (Arts and Science 3). GERMAN LANGUAGE

3 hours per week, session. *Professor Bertha Meyer and Mr. V. R. Block*

Textbooks: Curts, Basic German, Revised Edition (Prentice-Hall, 1946); Fiedler and Sandbach, First Science Reader for German Students (Oxford Univ. Press).

1451. (Arts and Science 4). GERMAN SCIENCE READING COURSE. (Half course.)

1 hour per week, session.

Prerequisite: German 1 or German 3 or Matriculation in German.

Textbook: Curts, Readings in Scientific and Technical German (Holt).

DEPARTMENT OF HISTORY

1460 (Arts and Science 1). EUROPEAN CIVILIZATION IN THE MEDIÆVAL AND MODERN PERIODS

3 hours per week, session. *Professors H. N. Fieldhouse and C. C. Bayley*

1462. (Arts and Science 17). THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE.

Professor H. N. Fieldhouse

FACULTY OF MUSIC

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The first course of Music is for those who have offered Music as a Matriculation subject.

1480 (Arts and Science 1). FIRST COURSE

(a) Harmony.

The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See Announcement of the Faculty of Music.)

One hour per week, session.

Textbooks: MacPherson, Rudiments of Music (Williams); Kitson, Elementary Harmony, Part I (Oxford).

(b) Form and Analysis.

Phrase; sentence; sequence; cadence; accent; rhythm; time; melody; modulation; early dance forms; suites, with special consideration of the minuet and trio.

One hour per week, session.

Textbooks: MacPherson, Form in Music (Williams); MacPherson, Studies in Phrasing and Form (Williams); Morris, Structure of Music (Oxford).

(c) History (outline).

One hour per week, session.

Textbook: Finney, A History of Music (Harcourt-Brace).

(d) Aural Training.

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; quality of tone.

One hour per week, session.

Textbook: Allchin, Aural Training (Novello).

Dean Douglas Clarke and Staff

DEPARTMENT OF ROMANCE LANGUAGES

NOTE:—For lists of textbooks used in French and Spanish courses, refer to the Announcement of the Faculty of Arts and Science.

FRENCH

Every lecture is given in French.

Both oral and written examinations are held on each year's work.

The oral examination counts for 50 per cent of the total mark.

1490 (Arts and Science French 12) (Ordinary)

1491 (Arts and Science French 11). (Advanced)

General survey of literature in the 18th and 19th centuries; French composition.

3 hours per week, session.

1492. (Arts and Science French 23). COMMERCIAL, INDUSTRIAL, AND SCIENTIFIC FRENCH.

Open only to students who have passed French 1490 or its equivalent.

3 hours per week, session. *Professor Louis d'Hauteserve*

SPANISH

1495 (Arts and Science Spanish 11)

Grammar; reading and dictation; oral exercises and composition.

3 hours per week, session. *Professor Robina E. Henry and Mr. G. F. Stegen*

DEPARTMENT OF ZOOLOGY

1410 (Arts and Science 11a). THE ANIMAL KINGDOM (Half Course). The nature and evolution of the animal world, with emphasis upon types, environments, adaptation and evolutionary processes.

3 hours lectures and 3 hours laboratory per week, first term.

Professor N. J. Berrill

Textbook: Buchsbaum, Animals without Backbones (Univ. Chicago Press).

1411 (Arts and Science 11b). MAN AND HIS EVOLUTION. The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

3 hours lectures and 3 hours laboratory per week, second term.

Professor John Stanley

Textbook: Hegner, College Zoology, 5th Edition (Macmillan).

DEPARTMENT OF ELECTRICAL ENGINEERING

Professors	G. A. WALLACE, *Chairman*
	E. G. BURR
Professor (post-retirement)	C. V. CHRISTIE
Associate Professors	R. A. CHIPMAN
	F. S. HOWES
	W. H. SCHIPPEL
Lecturers	A. I. GORDON
	T. J. F. PAVLASEK
Demonstrators	

SECOND YEAR (2A)

440. ELECTRICAL ENGINEERING. An introduction to Course 460.

2 lectures and 3 hours problems per week, second term. *Professor Wallace*

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

442. ELEMENTS OF ELECTRICAL ENGINEERING. Construction, principles of operation and characteristic curves of both direct- and alternating-current generators and motors; single-phase, two-phase and three-phase machinery; direct-current and alternating-current transmission and distribution; transformers with star and delta connections; correction of power factor; rectifiers.

2 lectures per week, session. *Professor Wallace*

Textbook: Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

444. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and of alternating-current generators and motors; transformers; circuits containing resistance, inductance and capacitance: series and parallel resonance; power-factor correction.

3 hours per week, session. *Professor Wallace and Staff*

460. ELECTRICAL ENGINEERING. Direct- and alternating-current flow in circuits, with an introduction to circuit analysis; review of the laws of electromagnetism and of electric and magnetic fields; theory and operating characteristics of direct-current machinery; principles of alternating-current machinery.

4 lectures per week, first term, 3 lectures per week, second term. *Professor Christie*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

462. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and alternating-current generators and motors and control devices; measurement of voltage, current, power, etc., in both direct- and alternating-current circuits; circuit characteristics.

6 hours laboratory and 6 hours problems per week, first term; 6 hours laboratory and 3 hours problems per week, second term.

Professors Wallace and Burr and Staff

464. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 462, but 9 hours per week, first term, and 6 hours per week, second term.

Professors Wallace and Burr and Staff

466. THERMIONIC TUBE THEORY. Theory and operating characteristics of high-vacuum and gas-filled tubes; applications to rectifiers, amplifiers and oscillators.

2 lectures and 3 hours laboratory per week, second term.

Professor Chipman

Textbook: Ryder, Electronic Engineering (Prentice Hall).

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

480. COMMUNICATION ENGINEERING (WIRE). Steady-state solution of uniform alternating-current transmission line; special terminations; velocity of propagation; transmission and insertion loss; reflection; hyperbolic functions of complex quantities; distortion and its control; loading of cable circuits; cut-off frequency; telephone repeaters; carrier telephony; modulation; side bands; demodulation; noise meter; T.I.F. meter; cross talk; co-ordinated transpositions; residual voltages and currents on power lines; transient inductive interference.

2 lectures per week, first term. *Professor Wallace*

481. ELECTRIC LIGHT AND POWER DISTRIBUTION. Systems for supply of lighting and power with special emphasis on industrial loads.

2 lectures per week, first term. *Professor Burr*

Reference book: Electric Power Distribution for Industrial Plants (Am. Inst. of Electrical Engineers).

482. ELECTRICAL DESIGN. Principles of design of direct-current generators and motors and of alternating-current generators, motors and transformers; preparation of practical designs and determination of characteristics.

1 lecture and 3 hours problems per week, session. *Professor Schippel*

Textbook: Gray, Electrical Machine Design (McGraw-Hill).

483. ELECTRICAL DESIGN. Similar to Course 482, but given for students in the communications option.

1 lecture and 3 hours problems per week, first term. *Professor Schippel*

484. ELECTRICAL ENGINEERING. Theory and operating characteristics of alternating-current machinery; theory and operating characteristics of power transmission lines and systems; method of symmetrical components applied to the determination of unbalanced fault current in power systems.

4 lectures per week, session. *Professor Christie*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

485. ELECTRICAL ENGINEERING. First term only of Course 484.

4 lectures per week, first term. *Professor Christie*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

486. ELECTRICAL ENGINEERING LABORATORY AND PROBLEMS. Alternating-current generators; synchronous motors; induction motors; transformers; compensators; frequency and phase changing apparatus; potential regulators, saturable reactors, electronic rectifiers, timers, phototube control, and voltage regulators.

9 hours per week, first term; 12 hours per week, second term, power option. *Professor Schippel and Staff*

487. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 486 but reduced in time to 3 hours per week, first term. *Mr. Gordon*

488. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 486 but 6 hours per week, session, and given for students in the communications option. *Mr. Gordon*

489. ELECTRICAL MEASUREMENTS AND LABORATORY. Units; absolute measurement of current and resistance; standard cells; direct-current potentiometers; primary standards of mutual and self inductance; methods of constructing bridges and of obtaining multiples and submultiples of primary standards; alternating-current bridges; shielding; detectors; alternating-current potentiometers; absolute measurement of capacitance; measurement of magnetic flux; instrument transformers; meters; photometry.

2 lectures and 2 hours laboratory per week, first term; 3 hours laboratory per week, second term. *Professor Wallace*

490. ELECTRICAL SERVICES. Production, measurement, and control of light; design of lighting systems; electrical distribution in residential and commercial buildings; Canadian Electrical Code. Given in alternate years.

2 lectures per week, second term. *Professors Wallace and Schippel*

491. INDUSTRIAL ELECTRONICS. The application of electron tubes to rectification, inversion, timers, relays, stroboscopes, line-voltage and motor-speed control and regulation, resistance welding, induction and electrostatic heating, industrial process control, etc.

2 lectures per week, second term. *Professor Schippel*

Textbook: Bendz, Industrial Electronics (Wiley).

492. POWER CONTROL AND PROTECTION. Electrical power generating plant; distribution by radial feeders and networks; street lighting; circuit breaker operation; service continuity and relay protection; miscellaneous applications of electricity.

3 lectures per week, second term. *Professor Burr*

Reference Book: Electrical Transmission and Distribution Reference Book (Westinghouse).

493. RADIO DESIGN. Design theory and calculations for class B and class C power amplifiers, phasing and matching networks, receiver circuits and simple directional antenna arrays.

1 hour lecture and 3 hours problems per week, second term.

Professor Howes

494. RADIO ENGINEERING. Radio communication theory and practice; coupled-circuit theory; radio-frequency amplifiers; modulation; demodulation; frequency-conversion; antennas; radiation and wave propagation.

2 lectures per week, session. *Professor Howes*

Textbooks: Arguimbau, Vacuum Tube Circuits (John Wiley), Terman, Radio Engineers Handbook (McGraw-Hill).

495. RADIO ENGINEERING LABORATORY. Measurement of tube constants; predetermination and measurement of gain, frequency response, power output, and distortion of audio- and radio-frequency amplifiers; studies of feed-back and cathode-follower amplifiers; adjustment and testing of power oscillators and radio receivers; measurement of per cent modulation and distortion; study of demodulation; study of long lines, short radio-frequency lines, and filter networks; measurement of wave length by Lecher wires; impedance matching; loop and dipole antenna studies; acoustical measurements; theory and use of audio and radio-frequency bridges and Q meter.

6 hours per week, session *Professor Howes and Mr. Pavlasek*

496. RADIO-FREQUENCY TRANSMISSION LINES AND WAVE GUIDES. The application of transmission-line theory to open-wire and coaxial radio-frequency lines; use of line sections as tuned-circuit elements and as components of

matching networks; measurement of complex impedances at ultra-high frequencies; theory and use of transmission-line charts; introduction to electromagnetic theory and properties of wave guides.

2 lectures per week, second term. *Professor Chipman*

850. SUMMER ESSAY (see page 1445).

ENGINEERING PRACTICE

Lecturer in Oral English A. ROBERT GEORGE

A series of related courses designed to acquaint the student with the background of his profession, its relation to others and its place in society, with some consideration of matters not discussed in the professional courses.

SECOND YEAR (2M)

1462. HISTORY OF SCIENCE. Birth and development of the fundamental physical sciences, their relation to engineering and the development of engineering as a profession.

1 lecture per week, session. _____

SECOND YEAR (2A)

1445. ENGINEERING REPORTS. Use of English, both oral and written, in engineering practice; mechanics of presentation; graphical representation; reproduction methods.

1 lecture per week, session. *Dr. George, and Mr. Neilson*

THIRD YEAR (3A)

1434. ENGINEERING REPORTS. Mathematical treatment of data; elementary statistics; methods of economic comparison.

1 lecture per week. _____

A bonus of 15 marks is granted to each student who successfully completes Course 1434. This bonus is considered in ranking students, but not in determining whether they have passed their year.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	JOHN J. O'NEILL, *Chairman*
	T. H. CLARK
	J. E. GILL
Visiting Professor	E. H. KRANCK
Associate Professor	_____
Assistant Professor	_____
Demonstrators	_____

SECOND (YEAR 2A)

1120. DETERMINATIVE MINERALOGY (Arts and Science 6). Methods for the determination of the constituents of minerals by blowpipe analysis and by related chemical tests; application in the identification of minerals.

3 hours laboratory per week, session.

1122 (Arts and Science 1). GENERAL GEOLOGY. The earth and the solar system; minerals and rocks composing the earth: erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative processes (temperature changes, compression, etc.) affecting its subsurface structure; the origin and historical development of the earth and of living things. The economic aspects of all phases of the subject are treated throughout the course.

2 lectures and 2 hours laboratory per week, session. During the first few weeks the laboratory work is replaced by field excursions.

Professor Clark

Textbook: Longwell, Knopf, and Flint, Physical Geology (Wiley), 1948.

1124 (Arts and Science 5). MINERALOGY. Physical properties and chemical composition of minerals; crystallography; the more important ore-minerals; industrial minerals; rock-forming minerals; uses and sources of supply of economic minerals.

2 lectures per week, session.

Text: Dana (Hurlbut) Manual of Mineralogy, *or* Kraus, Hunt and Ramsdell, Mineralogy (McGraw-Hill).

THIRD YEAR (3A)

1140 (Arts and Science 6b). DETERMINATIVE MINERALOGY. Methods for the determination of the constituents of minerals by blowpipe analysis and by related chemical tests; application in the identification of minerals.

3 hours laboratory per week, first term.

1142 (Arts and Science 5). MINERALOGY. Same as Course 1124.

2 lectures per week, session.

1144 (Arts and Science 10a). PETROLOGY. The common igneous sedimentary and metamorphic rocks; modes of occurrence; identification by field methods.

2 lectures and 3 hours laboratory per week, second term.

Professor Kranck

Textbook: Pirsson and Knopf, Rocks and Rock Minerals (Wiley).

1146 (Arts and Science 7a). STRUCTURAL AND FIELD GEOLOGY. Field methods; systematic survey of rock structures, their origins and practical importance.

2 lectures and 3 hours laboratory per week, first term. *Professor Gill*

Reference books: Lahee, Field Geology (McGraw-Hill); Billings, Structural Geology (Prentice-Hall).

1148 (Arts and Science 10b). PETROGRAPHY. The examination and identification of rock minerals and rocks by means of the petrographic microscope.

2 lectures and 1 laboratory period per week, second term. *Professor Kranck*

Textbook: Rogers & Kerr, Optical Mineralogy.

FOURTH YEAR (4A)

1160 (Arts and Science 4b). GEOLOGY AND NATURAL RESOURCES OF CANADA. Systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers and other minor resources of Canada. Maps and photographs are used to illustrate the course.

2 lectures and 3 hours laboratory per week, second term. *Professor Gill*

1162 (Arts and Science 8). ORE DEPOSITS. Nature, origin, mode of occurrence and classification of deposits of metallic and non-metallic minerals; typical occurrences; geographical distribution.

2 lectures per week, session; 3 hours laboratory per week, second term. *Professors O'Neill and Gill*

Reference books: Emmons, Principles of Economic Geology (McGraw-Hill); Bateman, Economic Mineral Deposits (Wiley).

DEPARTMENT OF MATHEMATICS

Professors
HERBERT TATE, *Chairman*
P. R. WALLACE
W. L. G. WILLIAMS
HANS ZASSENHAUS

Associate Professors
CHARLES FOX
E. M. ROSENTHALL

Assistant Professors
J. D. JACKSON
T. F. MORRIS
C. D. SOLIN

Lecturers
W. R. BLACKMORE
M. D. BURROW
JOACHIM LAMBEK
A. J. LOOKER
SAMUEL MELAMED
N. E. SMITH

FIRST YEAR (1M)

1200 (Arts and Science 12a). ALGEBRA. Logarithms, variation, progressions, permutations and combinations, binomial theorem, theory of quadratics, functional notation, graphs.

3 lectures per week, first term. *Staff*

Textbook: Tate, Intermediate Algebra (Pitman).

1202 (Arts and Science 12b). ALGEBRA. Same as Course 1200, but given in the second term.

3 lectures per week, second term. *Staff*

1204 (Arts and Science 14b). ANALYTIC GEOMETRY. The analytic geometry of the straight line, circle and parabola.

3 lectures per week, second term. *Staff*

Textbook: Young, Fort, and Morgan, Analytic Geometry (Houghton-Mifflin).

1206 (Arts and Science 23a). ANALYTIC GEOMETRY AND CURVE FITTING. Analytic geometry of the straight line, circle and parabola, with applications to curve fitting.

3 lectures per week, first term. *Staff*

Textbook: Tate, Elementary Mathematical Analysis (Pitman).

1208 (Arts and Science 15a). AUXILIARY TRIGONOMETRY. Logarithmic solution of triangles; height and distance problems in three dimensions; circles connected with the triangle; quadrilaterals; trigonometric equations; inverse functions; small angles; limits and approximations; graphs of trigonometric functions.

3 lectures per week, first term. *Staff*

Textbook: Tate, Elementary Mathematical Analysis (Pitman).

1210 (Arts and Science 15b). AUXILIARY TRIGONOMETRY. Same as Course 1208, but given in the second term.

3 lectures per week, second term. *Staff*

1212 (Arts and Science 11a). PLANE TRIGONOMETRY. Trigonometric functions of any angle; radian measure; identities; addition formulæ; transformations of sums and products; solution of oblique triangles using the sine and cosine laws.

3 lectures per week, first term. *Staff*

Textbook: Tate, Elementary Mathematical Analysis (Pitman).

1214 (Arts and Science 23b). THEORY OF INTEREST. Simple and compound interest; discount; annuities certain; sinking funds; bonds; elementary interpolation.

3 lectures per week, second term. *Staff*

Textbook: Tate, Mathematical Theory of Interest (Pitman).

SECOND YEAR (2M)

1220. ALGEBRA AND SPHERICAL TRIGONOMETRY. Simple properties of lines and planes; definitions connected with the sphere, great and small circles, pole, solid angle, dihedral angle and spherical triangle; polar triangles; sine and cosine laws; half-angle formulæ; Napier's analogies; solution of oblique triangles; applications to astro-navigation; Napier's rule of circular parts for right-angled triangles; law of species; solution of right-angled triangles (10 lectures). Complex numbers (7 lectures). Partial fractions (3 lectures). Theory of equations (10 lectures).

3 lectures per week, second term. *Staff*

Textbook: Richardson, College Algebra (Prentice Hall).

1222. ANALYTIC GEOMETRY. Conic sections and their simple properties; introduction to three-dimensional analytic geometry; polar co-ordinates; parametric representation.

3 lectures per week, first term. *Mr. Lambek and Staff*

Textbook: Young, Fort, and Morgan, Analytic Geometry (Houghton-Mifflin).

1224. CALCULUS. Functional notation; limits; differentiation of elementary functions; maxima and minima; geometric applications; differentials; integration of standard functions; definite integrals; geometrical and physical applications.

3 lectures per week, session. *Professor Solin and Staff*

Textbook: Smith, Salkover, and Justice, Calculus (Wiley).

SECOND YEAR (2A)

1240. ADVANCED CALCULUS. Parametric equations; formulæ and methods of integration with applications to centre of gravity and moment of inertia, etc.; polar co-ordinates; complex numbers; vectors in three dimensions, with applications to geometry and mechanics; partial differentiation, including Jacobians and transformations to spherical and cylindrical co-ordinates; infinite series; Fourier series; line, surface and volume integrals; Green's and Stokes' theorems.

3 lectures per week, first term; 2 lectures per week, second term.
Professor Rosenthall

Textbooks: Smith, Salkover, and Justice, Calculus (Wiley); Franklin, Methods of Advanced Calculus (McGraw-Hill).

1242. CALCULUS. Curvature; partial differentiation; double and triple integrals with application to volumes, moments of inertia, etc.; Taylor's theorem; exponential and logarithmic series; hyperbolic functions; vectors.

2 lectures per week, session. *Professor Rosenthall and Staff*

Textbook: Smith, Salkover, and Justice, Calculus (Wiley).

1244. DIFFERENTIAL EQUATIONS. Ordinary differential equations, especially with constant coefficients; simultaneous equations; elements of partial differential equations; separation of variables; use of Fourier series; Bessel functions; applications to physics, chemistry and engineering.

1 lecture per week, first term; 2 lectures per week, second term.

Professor Rosenthall

Textbook: Reddick and Miller, Advanced Mathematics for Engineers (Wiley).

1246. NOMOGRAPHY. Nomographic representation of formulæ and solution of equations.

1 lecture per week, session. *Mr. Looker*

1248. PROBLEMS IN MATHEMATICS AND PHYSICS. Selected problems and conferences.

3 hours per week, session. *Professor Morris*

THIRD YEAR (3A)

1260. DIFFERENTIAL EQUATIONS. Ordinary differential equations; methods of solution; elementary functions in complex variables; linear differential equations, especially with constant coefficients; vibration and electric circuit problems; setting up equations; solution by series and introduction to partial differential equations.

2 lectures per week, session. *Professors Rosenthall and Jackson*

Textbooks: Kells, Elementary Differential Equations (McGraw-Hill); Franklin, Methods of Advanced Calculus (McGraw-Hill).

1264. THEORY OF FUNCTIONS (Engineering Applications). Conformal mapping. properties of analytic functions; residues; Cauchy's theorem; contour integrals; applications to ordinary and partial differential equations.

1 lecture and 1 hour problems, session. *Professor Fox*

Textbook: R. V. Churchill, Introduction to Complex Variables and Applications (McGraw-Hill).

1268 (Arts and Science 31). STATICS, DYNAMICS OF A PARTICLE AND RIGID DYNAMICS. (Same as Course 1368.)

(a) Dynamics of a particle in one and two dimensions; motion of pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor Terroux*

(b) Central orbits; elements of rigid dynamics in three dimensions; Lagrange's equations; oscillations about equilibrium positions.

3 lectures per week, second term. *Professor Wallace*

Textbooks: (a) Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.); (b) Slater and Frank, Mechanics (McGraw-Hill).

Reference book: Synge and Griffith, Principles of Mechanics (McGraw-Hill).

FOURTH YEAR (4A)

1290 (Arts and Science 41). MATHEMATICAL PHYSICS. (Same as Course 1390.) Potential theory; conduction of heat; diffusion; vibration problems; acoustics; elasticity; theory of the origin of spectra; calculations in nuclear-physics.

3 hours per week, session. *Professors Wallace and Foster*

Reference books: Joos, Theoretical Physics (Blackie); Page, Introduction to Theoretical Physics (Van Nostrand); Slater and Frank, Introduction to Theoretical Physics (McGraw-Hill); Houston, Introduction to Mathematical Physics (Longmans).

DEPARTMENT OF MECHANICAL ENGINEERING

Professor — C. A. ROBB, *Chairman*

Associate Professors — D. L. MORDELL; P. M. STAFFORD

Assistant Professors

WILLIAM BRUCE — H. C. OATWAY
M. M. FAINSTAT — W. B. RICE
B. C. GLYNN — J. M. WHITE

Lecturers

J. A. M. DOBRZANSKI — E. L. J. MATTHEWS
TADEUS KOWALSKI — MANFRED POHORYLES
J. J. LEE — R. H. WISNEY

Demonstrators —

Shop Instructor — F. G. CORRICK

SECOND YEAR (2M)

521. DRAWING. Selection and use of draughting instruments and materials; lettering; orthographic, isometric, oblique, and perspective projections;

applied geometry; development and intersection of surfaces; dimensioning; sectional views; conventional practices and symbols; methods of reproduction; technical sketching.

6 hours per week, session. *Professor Glynn*

Textbook: French, Engineering Drawing, 7th Edition (McGraw-Hill)

SECOND YEAR (2A)

540. MECHANICAL DRAWING (Half of Course 541).

3 hours per week, first term. *Professor Stafford*

Textbook: French, Engineering Drawing, 7th Edition (McGraw-Hill)

541. MECHANICAL DRAWING. Engineering draughting room procedure and technique in the production of working drawings of machinery.

3 hours per week, session. *Professor Rice*

Textbook: French, Engineering Drawing, 7th Edition (McGraw-Hill).

542. MECHANICS OF MACHINES. Constrained motion; instant centers; centrodes; analysis and classification of simple mechanisms, including the quadric-crank, the slider-crank and wheel trains; design of involute gear teeth; belts and flexible couplings; cam design.

1 lecture, 3 hours problems per week, second term. *Professor Oatway*

Reference book: Ham and Crane, Mechanics of Machinery (McGraw-Hill).

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

560. ACCOUNTING. General accounting principles and practice; financial statements; balance sheet; profit and loss statement; interpretation of statements; cost accounting; job-lot and process cost systems; costing points; by-product and joint costs; differential costs; cost estimating.

1 lecture and 3 hours problems per week, session. *Professor White*

Textbook: Specthrie, Industrial Accounting (Prentice Hall).

561. INDUSTRIAL ENGINEERING. Rise of modern industry; the industrial revolution; mechanization, standardization and specialization in industry; forms of ownership; organization, location and layout of industrial plants; purchasing; stores keeping; inspection; costs; depreciation; wage systems.

2 lectures per week, first term. *Professors White and Rice*

Textbook: Alford, Principles of Industrial Management (Ronald Press).

562. MACHINE DESIGN. This course shows the application of the theory of strength of materials to the design of machine elements: principles of rational design; stresses in elementary machine members; shafts; helical springs; bearings; fastenings; centrifugal loading; metal fits; empirical factors in design.

2 lectures per week, session. *Professor Rice*

Reference books: Vallance & Doughtie, Design of Machine Members (McGraw-Hill); Black, Machine Design (McGraw-Hill); Spotts, Design of Machine Elements (Prentice-Hall).

563. MACHINE SHOP. Lathe work; marking off; centering; turning and boring; filing; grinding; screw cutting; differential indexing.

3 hours per week, session. *Mr. Corrick*

564. MECHANICS OF MACHINES. Mechanics of reciprocating engines—crank-effort diagrams, flywheel calculations, shaking-force diagrams and engine balancing; functions and dynamics of governors, mechanical and hydraulic; simple valves and valve diagrams; friction and lubrication.

2 lectures and 1 hour problems per week, session.
Professors Fainstat and Oatway

Reference book: Ham and Crane, Mechanics of Machinery (McGraw-Hill).

565. MECHANICAL DRAWING. Elementary design problems involving the application of strength of materials to the design of machine elements. A project covers layout, foundations, detail and assembly drawings and elementary design computations.

3 hours per week, session. *Professor Rice*

Reference books: Marks, Mechanical Engineers Handbook (McGraw-Hill) *or* Kent, Mechanical Engineers Handbook, Design and Shop Practice, Volume III (Wiley).

566. MECHANICAL ENGINEERING. Elementary thermodynamics; properties of steam; fuels and combustion; steam power plants; steam generators, types, design, rating and efficiency; heat reclaiming devices; superheaters; fuel burning equipment; pulverized coal systems; draft; condensers; pumps; reciprocating steam engines; steam turbines; internal combustion engines; gas turbines; fans, blowers and compressors.

2 lectures per week, session. *Professor Bruce*

Reference books: Solberg, Cromer and Spalding, Elementary Heat Power (Wiley); Allen and Bursley, Heat Engines (McGraw-Hill); MacNaughton, Elementary Steam Power Engineering (Wiley); Morse, Elements of Applied Energy (Van Nostrand).

567. MECHANICAL ENGINEERING. First half of Course 566.
2 lectures per week, first term. *Professor Bruce*

568. MECHANICAL ENGINEERING. This course serves as an introduction to the fourth year course in power plant design. The content is similar to that of Course 566, with greater emphasis on power plant engineering practice. Illustrative problems are solved by the student during a weekly problem period.

2 lectures and 1 hour problems per week, session. *Professor Robb*

Textbook: MacNaughton, Elementary Steam Power Engineering (Wiley).

Reference books: Solberg, Cromer, and Spalding, Elementary Heat Power (Wiley); Allen and Bursley, Heat Engines (McGraw-Hill).

569. MECHANICAL ENGINEERING LABORATORY. Testing, calibration and use of indicators, brakes and other instruments; properties of lubricants; tests of economy and performance of steam engine, boiler, oil engines, air compressor, steam pump and steam turbine; heat emission from steam radiator; heat loss from lagged steam pipe; proximate analysis and calorific value of coal; flue-gas analysis; combustion calculations.

3 hours per week, session. *Professor Fainstat*

Reference books: Diederichs and Andrae, Experimental Engineering (Wiley); Mechanical Engineering Practice, Shoop and Tuve (McGraw-Hill).

570. THERMODYNAMICS. General laws and equations; properties of gases and vapours; the Carnot principle; the concent of entropy; applications to steam engines, steam turbines, internal combustion engines, gas turbines, gas compressors and mechanical refrigeration.

2 lectures per week, session. *Professor Bruce*

Reference books: V. W. and G. A. Young, Elementary Engineering Thermodynamics (McGraw-Hill); Moyer, Calderwood and Potter, Elements of Engineering Thermodynamics (Wiley); Keenan and Keyes, Properties of Steam (Wiley).

572. SUMMER SCHOOL. Elementary machine shop practice; bench work; lathe work; demonstrations of drilling, shaping and milling operations.
Mr. Corrick

574. SUMMER SCHOOL. Drawing of machine elements; sketching, detailing, tracing. *Professors Stafford and Rice*

Textbook: French, Engineering Drawing (McGraw-Hill).

Courses 572 and 574 together occupy four weeks in April and May at the end of the second year (2A) or in September preceding the third year (3A).

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

580. APPLIED GAS DYNAMICS. Principles of similarity applied to fluid flow; Reynolds and Mach numbers; the flow of a compressible fluid; nozzle and duct design; vortex flows and their application to flow in an annulus; general theory of turbo machinery and application to the design of steam and gas turbines, axial and centrifugal compressors.

1 lecture per week, session. *Professor Mordell*

Reference books: Dodge and Thomson, Fluid Mechanics (McGraw-Hill); Prandtl, Physics of Solids and Fluids (Blackie); Church, Steam Turbines (McGraw-Hill).

581. DESIGNING. Design projects covering analysis, layout and design of a complete machine, sub-assemblies and details of individual parts. Introduction to general engineering office practice and routine.

1 lecture and 2 hours drafting per week, session. *Professor Stafford*

Reference books: Norman, Ault and Zarobsky, Fundamentals of Machine Design (Macmillan); Marks, Mechanical Engineers Handbook (McGraw-Hill) or Kent, Mechanical Engineers Handbook—Design and Shop Practice, Volume III (Wiley).

582. EXPERIMENTAL ENGINEERING. Calibration and use of instruments; measurement of pressure, of temperature and of power; test methods; test techniques and methods of expressing results; graphical representation and errors.

1 lecture per week, session. *Professor Mordell*

Reference book: Diederichs and Andrae, Experimental Engineering (Wiley).

583. HEATING AND VENTILATION OF BUILDINGS. Heat loss from buildings; radiation, conduction and convection; heat insulating materials, radiators, convectors, panel heating and unit heaters; distribution systems; air, steam and hot water furnaces; fuels; heating load and requirements; properties of air; effective temperature; low temperature radiation; air conditioning, filters, washers and humidifiers; cooling; fans; automatic control.

1 lecture per week, session, and 3 hours laboratory per week, second term. *Professor Fainstat*

Reference books: Allen and Walker, Heating and Air Conditioning (McGraw-Hill), Severns and Fellows, Heating, Ventilating, and Air-Conditioning Fundamentals (Wiley).

584. INDUSTRIAL ADMINISTRATION. Principles of industrial management and organization; problems of control; budgeting. Discussions of each department in a well-rounded organization, bringing out the function of each

and its organization and place in the whole, with emphasis on the work of the engineering, industrial relations and production departments. The problem period is devoted to working case problems in management.

1 lecture and 3 hours problems, second term. *Professor White*

Textbook: Cornell, Organization and Management (Ronald Press).

585. INDUSTRIAL ENGINEERING. Plant design; plant layouts; lighting, heating and ventilation; material handling; time and motion studies; wage incentive systems; work simplification; product development and research; classification and symbolization; industrial safety. Visits are made to nearby plants and problems of a practical nature are solved.

2 lectures and 3 hours problems per week, session. *Professor White*

Textbook: Lansburgh, Industrial Management (Wiley).

586. INDUSTRIAL RELATIONS. Problems of modern industrial conditions; wages and incentives; job evaluation; service rating; training and education; joint relations; collective bargaining; workers' security; recreation; industrial legislation; research; organization; personnel policy.

2 lectures per week, first term. *Professor H. D. Woods*

Textbook: Watkins and Dodd, Management of Labor Relations (McGraw-Hill).

References: From current literature.

587. MACHINE DESIGN. Design of machine elements—bearings, cylinders, crankshafts, connecting rods, pistons, fly-wheels; power transmissions—chain and gear drives, belts; curved beams; flat plates, thick cylinders and tubes. Introduction to theories of elastic failure, deformation beyond elastic limit, shrink fits and multiple cylinder construction.

2 lectures per week, session. *Professor Stafford*

Reference books: Norman, Ault and Zarobsky, Fundamentals of Machine Design (Macmillan); Vallance and Doughtie, Design of Machine Members (McGraw-Hill).

588. MACHINE SHOP. Exercises on lathe, planer, slotter, shaper and miller; gear cutting; grinding.

3 hours per week, session. *Mr. Corrick*

589. MECHANICAL ENGINEERING LABORATORY. Investigation and tests of steam boilers, internal-combustion engines, air compressors, rotary and vacuum pumps; analysis of solid fuels; heat transmission and insulation; measurement of fluid flow, especially of gases.

6 hours per week, session. *Professor Bruce*

Reference Book: Diederichs and Andrae, Experimental Mechanical Engineering, Volume I (Wiley).

590. MECHANICS OF MACHINES

(a) Elementary vibration problems.

2 lectures and 1 hour problems per week, first term. *Professor Oatway*

(b) Fundamentals of aerodynamics; aircraft force coefficients and inertia load factors; experimental methods; circulation and Prandtl wing theory; equilibrium equations; development and graphical analysis of the performance equation.

2 hours lectures and 1 hour problems, second term. *Professor Oatway*

Textbook: Millikan, Aerodynamics of the Airplane (Wiley).

591. POWER PLANT DESIGN. Turbine heat balance and power plant calculations; arrangement, design and operation of steam and internal-combustion power plants; requirements for light, heat and power distribution.

1 lecture and 3 hours problems per week, session. *Professor Robb*

References: Gaffert, Steam Power Stations (McGraw-Hill); Harding, Steam Power Plant Engineering (Wiley); Morse, Power Plant Engineering and Design (Van Nostrand).

592. THERMODYNAMICS. Principle of the increase of entropy and unavailable energy; properties of working substances; general energy equation for steady flow; steam power cycles; the reciprocating steam engine; internal combustion cycles; factors preventing the realization of theoretical performance in the Otto and Diesel engines; factors affecting the performance of gas turbines; refrigerating machines and heat pumps.

2 lectures per week, session. *Professor Mordell*

Textbook: Lichty, Thermodynamics, (McGraw-Hill).

850. SUMMER ESSAY (see page 1445).

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Graduate courses are offered in Mechanical Engineering. For particulars of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor	J. U. MACEWAN, *Chairman*
Associate Professor	J. S. GODARD
Associate Professor (post-retirement)	G. S. SPROULE
Assistant Professor	J. P. OGILVIE

SECOND YEAR (2A)

640. METALLURGICAL PROBLEMS. The gas laws in metallurgical operations materials balances in combustion, coke and gas manufacture.

3 hours per week, first term. *Professor MacEwan*

Textbook: Butts, Metallurgical Calculations (McGraw-Hill).

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

660. METALLURGICAL ANALYSIS. Instruction and practice in commercial methods of analysis of metallurgical materials and products.

3 hours per week, first term. *Professor MacEwan*

662. METALLURGICAL LABORATORY. Experiments illustrate Course 666; making and testing alloys; using furnaces and pyrometers; hardening and tempering steel; simple refining operations.

3 hours per week, second term. *Professors Sproule and Ogilvie*

664. METALLURGICAL PROBLEMS. Materials balances for smelting and refining operations, heat balances; problems dealing with the application of thermodynamic principles to metallurgical operations.

2 hours per week, session. *Professor MacEwan*

666. METALLURGY OF IRON AND STEEL. An introduction to physical metallurgy with particular reference to iron and steel, fabrication of steels, theory and practice of heat-treatment, applications of iron and steel in industry.

1 lecture per week, session. *Professor Ogilvie*

Reference books: Liddell, Handbook of Non-ferrous Metallurgy, Vol I (McGraw-Hill); Newton, Introduction to Metallurgy (Wiley); Rosenholtz and Oesterle, Elements of Ferrous Metallurgy (Wiley); Stoughton, Metallurgy of Iron and Steel (McGraw-Hill); Boylston, Metallurgy of Iron and Steel (Wiley); Teichert, Ferrous Metallurgy, Vol II (McGraw-Hill).

668. MINERAL DRESSING. Preparation of ores for treatment; mechanical methods of concentration; crushing; grinding; sizing; gravity concentration; agitation; leaching, thickening; filtration; beneficiation of coal.

1 lecture and 3 hours laboratory per week, session. *Professor Godard*

670. PHYSICAL METALLURGY. Review of ferrous metallurgy; introduction to non-ferrous alloys; theory of alloys; theory and practice of heat-treating; use of furnaces, pyrometers and testing equipment

1 lecture and 2 hours laboratory per week, first term.
Professors Sproule and Ogilvie

Reference books: As for Course 666, and also Heyer, Engineering Physical Metallurgy (Van Nostrand); Dowdell, General Metallography (Wiley); Williams and Homerberg, Introduction to Metallography (McGraw-Hill); Brick and Phillips, Structure and Properties of Alloys (McGraw-Hill); Dowdall, General Metallography (Wiley).

674. SUMMER SCHOOL (Fire Assaying). An account of equipment and procedures used in the fire assay of ores and of processed materials for precious metals, emphasizing the underlying theory; instruction in practical assaying.

Two weeks' summer school. *Professor Sproule*

Reference books: Smith, Sampling and Assay of the Precious Metals (Griffin); Fulton and Sharwood, Manual of Fire Assaying (McGraw-Hill); Bugbee, Textbook of Fire Assaying (Wiley); Shepard and Dietrich, Fire Assaying (McGraw-Hill).

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

680. ADVANCED METALLURGY. Fluid mechanics; heat transfer; detailed study of equilibria and reaction rates in metallurgical processes.

2 lectures per week, session. *Professor Ogilvie*

682. ELECTROMETALLURGY. Application of the principles of electro-chemistry to electro-refining and electro-winning of metals—copper, silver, gold, lead, zinc, nickel, aluminum, etc.; electro-plating; electro-forming.

2 lectures per week, second term. *Professor MacEwan*

Reference books: See Course 686.

684. EXTRACTIVE METALLURGY. Application of the principles of physical chemistry to metallurgical processes used in the recovery and refining of metals. Various standard processes will be studied and these studies will be augmented by the solution of problems.

2 lectures per week, session. *Professor MacEwan*

686. GENERAL METALLURGY. Physical metallurgy of non-ferrous metals and alloys; their uses in industry; basic principle of roasting, smelting, refining and hydrometallurgical processes.

2 lectures per week, session. *Professor MacEwan*

Reference books: The Departmental Library has numerous texts, reference books and periodicals, which are available to students.

688. METALLURGICAL COLLOQUIUM. Students are required to present detailed papers on selected metallurgical topics. This is followed by a discussion period.

1 hour per week, second term. *Staff*

690. METALLURGICAL PROBLEMS AND DESIGN. Problems dealing with the application of thermodynamic principles to metallurgical operations; flame temperature; controlled atmospheres; furnace equilibria; heat transfer; flow of fluids; plant layouts and organization.

Professors MacEwan and Ogilvie

Reference books: See Course 684

692. METALLURGICAL THESIS. Students choose or are assigned subjects for investigation. They are expected to show initiative in studying relevant literature, laying out their experimental program, setting up apparatus, correlating results and preparing a report.

3 hours per week, first term, 6 hours per week, second term. *Staff*

Reference books: See Course 686.

694. METALLOGRAPHY AND LABORATORY. Elements of physical metallurgy, laws and data of physical chemistry applied to metals and alloys; detailed metallography and heat treatment of iron and steel; metallography of non-ferrous metals.

2 lectures per week, session; 3 hours laboratory per week, second term.

Professor Sproule

Reference books: As for Course 668, and also Doan and Mahla, Principles of Physical Metallurgy (McGraw-Hill); Van Wert, Introduction to Physical Metallurgy (McGraw-Hill); Sauveur, Metallography and Heat Treatment of Iron and Steel (McGraw-Hill); Tiechert, Metallography and Heat Treatment of Iron and Steel, Vol. III (McGraw-Hill).

697. MINERAL DRESSING. Cyanidation, flotation and milling calculations; laboratory work will cover screening, settling, agitation; filtration, jigging, tabling, cyanidation and flotation.

2 lectures per week, and 3 hours laboratory, first term. *Professor Godard*

698. MINERAL DRESSING. Investigation into the treatment of ores, chemical analyses, flow sheets from these investigations.

1 lecture per week and 3 hours laboratory, second term. *Professor Godard*

850. SUMMER ESSAY (see page 1445)

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Graduate Courses are offered in Advanced Metallurgy, Electrometallurgy, Metallurgical Problems and Metallography. For particulars of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

RESEARCH FELLOWSHIP IN THE DEPARTMENT OF METALLURGICAL ENGINEERING

There is one endowed research fellowship in the Department. This is awarded to a graduate of the Department who shows particular aptitude for advanced work, and is held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowship mentioned.

DEPARTMENT OF MINING ENGINEERING

Professor	R. G. K. Morrison, *Chairman*
Associate Professor	J. S. Godard
Assistant Professor	M. D. O'Shaughnessy
Douglas Fellow	_____
Harrington Fellow	_____

SECOND YEAR (2A)

740. MINE PROJECTIONS. The use of descriptive geometry as applied to mining problems.

3 lectures per week, second term. *Professor O'Shaughnessy*

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

760. MAPPING. Calculation of mine survey notes using logarithms, traverse tables and a calculating machine; calculating and mapping of a complete mine survey; drawing composite level plans; sections.

3 hours per week, first term. *Professor O'Shaughnessy*

762. MINING METHODS. General mining methods; placer mining; quarrying; open-pit mining; underground mining.

2 lectures per week, first term. *Professor Morrison*

Reference books: Peele, Mining Engineers' Handbook (Wiley); Lewis, Elements of Mining (Wiley); Young, Working of Unstratified Mineral Deposits (Benn); Young, Elements of Mining (McGraw-Hill).

764. SUMMER SCHOOL. This school is held for about two or three weeks immediately after the close of the third year. It consists of an inspection trip to the mines and plants of some important district, and serves to acquaint the student with engineering methods as applied to the mining industry. This is considered a part of the fourth year curriculum.

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

697. MINERAL DRESSING. Cyanidation, flotation and milling calculations; laboratory work will cover screening, settling, agitation, filtration, jigging, tabling, cyanidation and flotation.

2 lectures per week, and 3 hours laboratory, first term. *Professor Godard*

698. MINERAL DRESSING. Investigation into the treatment of ores; chemical analyses; flow sheets from these investigations.

1 lecture per week and 3 hours laboratory, second term. *Professor Godard*

780. INDUSTRIAL PSYCHOLOGY AT MINES. Orientation; basic psychology; industrial psychology; management psychology.

2 lectures per week, session. *Professor E. C. Webster*

782. MINE DESIGN. Calculations, evaluation and recommendations for putting a given property into operation; underground work; surface plant and mill.

5 hours problems per week, session. *Professor Morrison*

Reference books: As for Course 762, and also Baxter and Parks, Mine Examination and Valuation (Finnish Lutheran Book Concern).

784. MINE FINANCE AND COST CONTROL. Company law and the incorporation of mining companies; provision of capital; payroll accounts and workmen's compensation; cost accounts; direct costs; distributable costs; comparative costs and cost control; amortization, depreciation and depletion; taxes on mines; profit and loss statements and balance sheets.

2 lectures per week, second term. *Mr. G. B. A. Hall*

786. MINING COLLOQUIUM. Students prepare and deliver a lecture on some mining subject.

1 hour per week, second term. *Professor Morrison*

788. MINING ENGINEERING. Sampling and mine valuation; explosives; rock excavation; haulage and hoisting; mine support; pumping; compressed air; ventilation; mine management; mining law and regulations.

2 hours per week, first term; 3 hours per week, second term.
Professor Morrison

Reference books: As for Course 764, and also Bullman, Working of Coal and Other Stratified Minerals (Benn); Weeks, The Ventilation of Mines (McGraw-Hill); Trucott, Mine Economics (Mining Publications).

790. MINING ENGINEERING PROBLEMS. Calculations in combustion, ventilation, haulage, mine drainage, and other mine plant problems.

2 hours per week, session. *Professor O'Shaughnessy*

792. ORE ANALYSIS. Technical methods of analysis of ores and mill products.

3 hours laboratory per week, first term. *Professor O'Shaughnessy*

850. SUMMER ESSAY (see page 1445).

RESEARCH FELLOWSHIPS IN THE DEPARTMENT OF MINING ENGINEERING

There are three endowed research fellowships in the Department. These are awarded to graduates of the Department who show particular aptitude for advanced work, and are held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowships mentioned.

DEPARTMENT OF PHYSICS

Professors	A. NORMAN SHAW, *Chairman*
	J. STUART FOSTER
	G. A. WOONTOON
Associate Professors	J. S. MARSHALL
	E. R. POUNDER
	F. R. TERROUX
	H. G. I. WATSON
	C. H. WESTCOTT
Assistant Professor	A. I. MCPHERSON
Lecturers	M. L. DE ANGELIS
	K. L. S. GUNN
	ARNE HENRIKSON
	SYDNEY WAGNER
Sessional Lecturer	J. A. CARRUTHERS
Demonstrators	———

FIRST YEAR (1M)

1311 (Arts and Science 11). GENERAL COURSE. A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity,

light and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work and numerical examples.

3 lectures per week, session* *Mr. Wagner and Mr. Henrikson*

Laboratory, 2 hours per week, session. *Professor McPherson*

Textbooks: Mendenhall, Eve, Keys and Sutton, College Physics (Heath & Co.); An Elementary College Course in Experimental Physics (Renouf Publishing Co.).

SECOND YEAR (2M)

1320 (Arts and Science 22a). HEAT. Calorimetry; heat transfer; change of state; critical state; hygrometry; engines; elementary kinetic theory; thermodynamics.

3 lectures per week, first term. *Professor Marshall*

Laboratory, 2 hours per week, first term.

Professors Terroux and McPherson

Textbooks: Mendenhall, Eve, Keys, and Sutton, College Physics (Heath); Marshall, Heat, Light, and Sound (McGill Physics Department); Heat, Light, and Sound Laboratory Manual (Renouf).

Reference book: Noakes, A Textbook of Heat (Macmillan).

1322 (Arts and Science 22b). LIGHT AND SOUND. Illumination; reflection; refraction; interference; nature and velocity of light; optical apparatus; vision; spectroscopy; polarimetry; nature and velocity of sound; pitch; loudness; quality; wave analysis; interference; resonance; vibrations; instruments; hearing.

3 lectures per week, second term. *Professor Marshall*

Laboratory, 2 hours per week, second term.

Professors Terroux and McPherson

Textbooks: Same as for Course 1320.

SECOND YEAR (2A)

1340 (Arts and Science 23). ELECTRICITY AND MAGNETISM. Fundamental principles and experimental basis of magnetism; electrostatics; current electricity (D.C. and A.C.); electromagnetic induction; electrodynamics; theory of simple circuits; elementary electronics. Special attention is given to demonstrations, applications, theory of measurements, units, instruments, and numerical problems.

2 lectures and 1 hour voluntary tutorial per week, session.

Professors Watson and Pounder

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*Voluntary tutorials are provided to assist students in 1311.

In the case of students in Engineering Physics, the tutorials are replaced by supplementary lectures on the more advanced parts of this course including, in particular, the properties of electric and magnetic fields. No examination is required on this part of the course.

Textbooks: Mendenhall, Eve, Keys and Sutton, College Physics (Heath); Ward, Introduction to Electrical Engineering (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H. M. Stationery Office); Page, Lessons in Electricity (Macmillan); Brown, Electricity and Magnetism (Holt); Starling, Electricity and Magnetism (Longmans Green).

NOTE: Course 1344 is an integral part of Course 1340.

1342 (Arts and Science 34). HEAT, ADVANCED. Precision thermometry; calorimetry; measurement of fundamental thermal variables; measurement and theory of transfer of heat; change of state; equations of state; elements of kinetic theory; physical basis and mathematics of thermodynamics; thermal equilibrium of systems; engineering applications.

2 lectures per week, session. *Professor Shaw*

Textbook: Roberts, Heat and Thermodynamics (Blackie).

Reference books: Kiefer and Stuart, Engineering Thermodynamics (Wiley); Lewis and Randall, Thermodynamics (McGraw-Hill); Zemansky, Heat and Thermodynamics (McGraw-Hill); Worthing and Halliday, Heat (Wiley).

1344 (Arts and Science 23L). PHYSICS LABORATORY. Illustrating main principles of Course 1340. Theory and use of galvanometers, ammeters, voltmeters, bridges, potentiometers, resistances, capacitances, inductances, magnetometers, rectifiers, oscillators, oscillographs; limitations and accuracy of observations; significant figures.

3 hours per week, session. *Professor Pounder*

Textbook: University Laboratory Manual, Electricity and Magnetism, second year.

NOTE: Course 1344 is an integral part of Course 1340.

THIRD YEAR (3A)

1360 (Arts and Science 47). APPLIED GEOPHYSICS. Introduction to geophysical methods of prospecting and investigating sub-surface structures; theories, uses and limitations of various magnetic, electrical, gravitational and seismic methods; practical operation of instruments; field results are obtained and analysed; field experience, when possible.

2 lectures per week, second term. *Professor Watson*

Textbook: Eve and Keys, Applied Geophysics, 2nd Edition (Cambridge Univ. Press).

Reference book: Heiland, Geophysical Exploration (Prentice-Hall).

1362 (Arts and Science 35a). ELECTRON PHYSICS. Charge and mass of the electron; the electron as a constituent of matter; atomic structure; electrons in metals and insulators; liberation of electrons from matter; thermionic emission; secondary emissions; photoelectric emission; ionization processes; electrical discharges in gases; control of free electrons; electron ballistics; electron optics; wave characteristics of the electron; electron diffraction; applied electronics, cathode-ray oscillograph; X-ray tubes; electron microscope; radio-tubes.

2 lectures per week, first term. *Professors Chipman and Pounder*

Course 1362 will be given in two sections in 1950-51, one section for students in Electrical Engineering, and the other section for students in Engineering Physics.

Reference books: Crowther, Ions, Electrons and Ionizing Radiations (Arnold); Millman and Sealy, Electronics (McGraw-Hill); Elect. Eng. Staff, M.I.T., Applied Electronics (Wiley); Hoag, Electron and Nuclear Physics (Van Nostrand).

1364 (Arts and Science 45 and 45L) LIGHT, ADVANCED. Geometrical and physical optics; electromagnetic theory; interference; diffraction; polarization; simple spectrum analysis; determination of fine structure of spectral lines; Zeeman effect; theory and use of optical apparatus.

2 lectures per week, first term; 1 lecture per week, second term, and 3 hours laboratory per week, session. *Professor McPherson*

Reference books: Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Drude, Optics (Longmans Green); Jenkins and White, Fundamentals of Physical Optics (McGraw-Hill); Hardy and Perrin, Principles of Optics (McGraw-Hill).

1366 (Part of Arts and Science 32). PROPERTIES OF MATTER. Surface tension; viscosity; diffusion; gravitation.

1 lecture per week, second term. *Professor Westcott*

Students in Engineering Physics are advised to attend these lectures, but are not required to take the final examination.

Reference books: Newman and Searle, General Properties of Matter (Benn); Champion and Davy, Properties of Matter (Blackie).

1368 (Arts and Science 31). STATICS, DYNAMICS OF A PARTICLE AND RIGID DYNAMICS.

(a) Dynamics of a particle in one and two dimensions; motion of a pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor Terroux*

Textbooks: Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.).

Reference books: Synge and Griffith, Principles of Mechanics (McGraw-Hill); Slater and Frank, Mechanics (McGraw-Hill).

(b) Central orbits; elements of rigid dynamics in two and three dimensions; Lagrange's equations; oscillations about equilibrium positions.

3 lectures per week, second term. *Professor P. R. Wallace*

Textbook: Slater and Frank, Mechanics (McGraw-Hill).

Reference books: The books listed in (a) above.

FOURTH YEAR (4A)

1380. ACOUSTICS OF BUILDINGS. Acoustical conditioning of buildings, old or new; bearing on architectural design; properties, testing and choice of materials for absorption, insulation, reflection or modification of sound. Given in 1950-51, 1952-53, etc.

2 lectures per week, first term. *Professor Marshall*

Reference book: Knudsen and Harris, Acoustical Designing in Architecture (Wiley).

1382 (Arts and Science 43 and 43L). ATOMIC PHYSICS. Classic experiments of atomic physics; determination of physical properties and constants of atoms, ions and electrons; mass-spectrograph; elements of thermionics and of photo-electricity; X-ray analysis; cosmic rays; atomic structure, radiation, absorption and emission; advent of quantum theory and of wave-mechanics; philosophical problems in modern physics.

2 lectures and 3 hours laboratory per week, session.
Professors Shaw and Marshall

NOTE: *The examination is held at the end of the first term, with no examination required for the second term, in Course 1382. Attendance and examination in Course 1392 in the second term, is required. (The 1392 laboratory work is taken with the 1382 laboratory class in the second term, that is, 3 hours laboratory per week includes both the 1382 and the 1392 laboratory requirements.)*

Textbook: Crowther, Ions, Electrons and Ionizing Radiations (Arnold).

Reference books: Richtmeyer, Introduction to Modern Physics (McGraw-Hill); Strong, Procedures in Experimental Physics (Prentice-Hall); Brown, Foundations of Modern Physics (Wiley); Stranathan, The "Particles" of Modern Physics (Blakiston).

1384-1386 (Arts and Science 33 and 33L). ELECTRICAL MEASUREMENTS AND ELECTRONICS.

This Course is divided into two parts, namely 1384, ELECTRICAL MEASUREMENTS, and 1386, ELECTRONICS.

1384. (ELECTRICAL MEASUREMENTS) (Arts and Science 33M). Direct-current instruments and measurements; galvonometer theory; instrument calibration; alternating-current circuit theory; "operational" methods; applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

1 lecture and 3 hours laboratory per week, session.

Professor Watson and Mr. de Angelis

1386 (ELECTRONICS) (Arts and Science 33E). Theory and application of electronic devices and circuits; elementary radio-engineering.

1 lecture and 3 hours laboratory per week, session.

Professor Watson and Mr. de Angelis

NOTE: *1386 is optional for students in Engineering Physics, but 1384 is required.*

Reference books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Campbell and Childs, Measurement of Inductance, Capacitance, and Frequency (Macmillan); Kruft Laboratory Staff, Electronic Circuits and Tubes (McGraw-Hill); Terman, Radio Engineers' Handbook (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill).

1388 (Arts and Science 42). ELECTROMAGNETIC THEORY. Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

1 lecture per week, first term; 2 lectures per week, second term.

Professor Woonton

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

1390 (Arts and Science 41). MATHEMATICAL PHYSICS. Potential theory; conduction of heat; diffusion; vibration; acoustics; elasticity; theory of origin of spectra; calculations in nuclear physics.

Same as MATHEMATICS 1290.

3 lectures per week, session. *Professors Wallace and Foster*

Reference books: Houston, Introduction to Mathematical Physics (Longmans); von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill); Margenau and Murphy, Mathematics of Physics and Chemistry (Van Nostrand); Page, Introduction to Theoretical Physics (Van Nostrand).

1392 (Arts and Science 44b). RADIOACTIVITY AND NUCLEAR PHYSICS. The phenomena of radioactive disintegration and the laws of transformations of successive products; the nature and properties of the radiations; methods of detection and of measurement; mechanisms of absorption and scattering; neutrons, positrons and the constitution of nuclei; methods of producing artificial disintegrations and their products; introduction to nuclear physics.

2 lectures and 3 hours laboratory per week, second term.
Professor Terroux

Reference books: Rutherford, Chadwick and Ellis, Radiations from Radioactive Substances (Cambridge); Hevesy and Paneth, A Manual of Radioactivity (Cambridge); Cork, Radioactivity and Nuclear Physics (Van Nostrand); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall).

Regulations Concerning Standing and Promotion

GENERAL

(1) Students proceeding to a degree are classed as regular undergraduates or conditioned undergraduates. *Regular undergraduates* are those who, having passed all entrance requirements, have also at the close of any session passed the examinations in all the courses of their curriculum or who, at the opening of the following session, have removed all conditions by passing supplemental examinations in the courses in which they failed. *Conditioned undergraduates* are those who have failed to remove all their conditions as above.

(2) No student proceeding to a degree is permitted to register in any year if he is conditioned in courses totalling more than 150 marks.

(3) No student is permitted to register in the second year course (2M) if he is conditioned in any English, Mathematics, Physics, Chemistry, or Drafting course from first year Engineering (1M).

(4) No student is permitted to register in the second year (2A) if he is conditioned in Calculus 1224 or Mechanics 322.

(5) Conditioned undergraduates who cannot register in an advanced year on account of having conditions totalling more than 150 marks may repeat the work of the year in which they were previously registered, or must meet the following requirements before being permitted to proceed:

TO ENTER SECOND YEAR (2M)

Remove *all* conditions and in addition pass examinations in Analytical Geometry 1204, Auxiliary Trigonometry 1208 or 1210, Chemistry 902 and Physics 1311.

TO ENTER SECOND YEAR (2A)

Remove *all* conditions and in addition pass examinations in Calculus 1224 and Mechanics 322 for all courses except Chemical Engineering in which course they must pass examinations in Chemistry 922, Calculus 1224 and Mechanics 322.

TO ENTER THIRD YEAR (3A)

Remove *all* conditions and in addition pass examinations as listed:

Architecture	Chemical	Civil, Electrical, Mechanical
Mechanics 348	Calculus 1242	Mechanics 348
	Chemistry 942	Calculus 1242

Metallurgical	Mining
Mechanics 348	Mechanics 348
Chemistry 942	Geology 1122

TO ENTER FOURTH YEAR (4A)

Remove *all* conditions and in addition pass examinations as listed:

Architecture	Chemical	Civil	Electrical
Strength of Materials 373	Chem. Tech. 260 Chem. Eng. 264 Thermo. 268	Strength of Materials 373	Elect. Eng. 460

Mechanical	Metallurgical	Mining
Mech. Eng. 567 Thermo-dynamics 569	Strength of Materials 373 Chemistry 964	Strength of Materials 373

There is to be no supplemental fee for such examinations in which the student has already obtained pass standing.

The examinations in the courses specified above must be passed within the six months prior to the date of registration.

(6) No undergraduate conditioned in any entrance requirements is permitted to register for any second year course (2M or 2A) nor is any undergraduate conditioned in any first- or second- or third-year subject permitted to register for any third- or fourth- or fifth-year course, respectively.

(7) Partial students are those who are not proceeding to a degree. Such students may be admitted to classes, provided that they have obtained the permission of the chairman of each department concerned, and that their courses are approved by the Committee on Registration, Standing and Promotion.

(8) If a partial student wishes to obtain undergraduate standing in order to proceed to a degree, he will not be given credit for any courses taken unless he has passed examinations in such courses, has had his case reviewed by the Committee on Registration, Standing, and Promotion and, on the recommendation of this committee, has had his case approved by Faculty.

(9) Partial students are not eligible to take supplemental examinations.

(10) No final year student is allowed a supplemental examination in any subject in the period between the opening of the second term and the date of Convocation.

(11) No student may repeat the work of more than one year. Students who have failed a year and have cleared their records by examinations are considered as having repeated the work of that year.

FIRST YEAR (1M)

Students of the first year (1M) taking the curriculum for the first time who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in courses for which they are registered (including courses of the previous year in which the student is conditioned) aggregating over 300 possible marks, will not be permitted to register in the second year (2M) for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty be permitted to repeat the year, and if they do so they may obtain exemption in any draughting room or laboratory course in which they have obtained 65% or more. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student repeating the work of the year, who does not obtain an average of 60% in all repeated courses and final examinations of the year, will be permanently debarred from the Faculty.

Any student who fails in the year for the first time, and does not register to repeat the year in the following session, may proceed to the next year in a subsequent session, if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examinations to the following September, but will not be permitted to defer any spring examinations.

SECOND YEAR (2M)

Students of this year taking the curriculum for the first time, who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in more than four courses for which they are registered (including courses of the previous year in which the student is conditioned) in which standing is determined by sessional examinations, or in four such courses aggregating 350 possible marks or over, will not be permitted to register in the second year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty be permitted to repeat the year, and if they do so they may obtain exemption in any draughting-room or laboratory course in which they have obtained 65% or more. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student repeating the work of the year, who does not obtain an average of 60% in all repeated courses and final examinations of the year, will be permanently debarred from the Faculty.

Any student who fails in the year for the first time, and does not register to repeat the year in the following session, may proceed to the next year in a subsequent session if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examination to the following September, but will not be permitted to defer any spring examinations.

SECOND YEAR (2A)

All students of the year taking the curriculum for the first time, who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in more than four courses for which they are registered (including courses of the previous year in which the student is conditioned) in which standing

is determined by sessional examinations, or in such courses aggregating over 400 possible marks, will not be permitted to register in the next year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty, be permitted to repeat the year, and if they do so they may obtain exemption in any draughting-room or laboratory course in which they have obtained 65% or better. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student who fails the year for the first time, and does not register to repeat the year in the following session, may register in the next year in a subsequent session if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examinations to the following September, but will not be permitted to defer any spring examinations.

THIRD YEAR (3A)

The standings of the students of the year will be based on their records in the courses for which they are registered, including courses of the previous year in which they are conditioned.

Instruction is not provided for students in courses in which they are conditioned.

University of Toronto Faculty of Medicine 1950-1951

McGill University

Montreal



Faculty of Medicine

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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McGill University

FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

G. Lyman Duff, M.A., M.D., Ph.D.(Tor.), F.R.S.C. *Dean of the Faculty*

D. S. Fleming, B.A., M.D., C.M., D.P.H. (Tor.) *Secretary of the Faculty*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S., L.C.M.I. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

Richard Pennington, B.A. (Birmingham), Lib.Dip. (Lond.)
University Librarian

R. L. Stehle, M.A. (Ohio State), Ph.D. (Yale) *Honorary Medical Librarian*

W. W. Francis, A.B., M.D. (Johns Hopkins)
Osler Librarian and Director of the Museum of the History of Medicine

Miss G. D. Mudge *Assistant Secretary of the Faculty*

Special announcements are available for the School of Physiotherapy, the School for Graduate Nurses, and the School of Physical Education.

A complete list of the teaching staff of the University, including the Faculty of Medicine, is printed as a separate announcement, which may be obtained from the Registrar's Office.

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McGill University

FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

Faculty of Medicine

The one hundred and eighteenth session of the Faculty will open on September 6th, 1950, for students of the first year.

REQUIREMENTS FOR ENTRANCE

1. (a) *Total Academic Credits:*

The minimum requirement for admission to the medical course is the satisfactory completion of three full years of study in a recognized college or Faculty of Arts and Science (or the equivalent thereof). This minimum requirement may be regarded as equivalent to a total of 90 semester hours.

(b) *Scientific Requirements:*

In the scientific branches, certain subjects are specifically required:
Chemistry, two full courses, including General Chemistry and Organic Chemistry, with laboratory work.
Physics, one year with laboratory work.
Biology, or *Zoology*, one year with laboratory work. (Of this, a half year must consist of Zoology.)

(c) *Cultural Requirements:*

These must be selected in such a way as to be in harmony with the requirements for the degree of B.A. or B.Sc. at the college where the courses are taken. These would commonly include credits in English Literature and in Composition, Mathematics, and at least one modern language. It is advisable for each applicant to present evidence of such preparation.

(d) All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test conducted by the Educational Testing Service or furnish a satisfactory explanation of reason why they are unable to do so.

2. In selecting courses, in addition to the specific requirements listed above, the intending medical student should plan his pre-medical course as a whole, and in accordance with a definite educational objective. Emphasis should be laid on the broad educational value and the intellectual training afforded, rather than on the factual content of such pre-medical curricula; the student is therefore advised to plan his course in such a way as to provide more than elementary training in some definite field of learning which appeals to him; this major field may be selected from the Natural or the Social Sciences or the Humanities. Certain

subjects which though not essential have been found valuable in medical study, and which may be included as electives if the curriculum in the major field permits, are Psychology, Sociology, and Genetics.

In general, students are advised not to anticipate medical school courses in Physiology, Histology, Bacteriology, and Biochemistry at the expense of a fundamental training as outlined above.

On the other hand, for students who desire a preparation in excess of the minimum requirements, a considerable degree of specialization in the sciences, such as Honours graduation, or a Master's degree, in Physics, Chemistry, Biochemistry, Biology, Physiology, or Bacteriology, may prove to be desirable and advantageous.

The students' attention is called to the memorandum printed in the Announcement of the Faculty of Arts and Science, for the guidance of pre-medical students.

Candidates for admission shall furnish evidence that they have satisfied the matriculation requirements of the Licensing Body where they wish to practise. This provision applies to Canadian candidates only.

EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit an official statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

The equivalent courses of study in schools accepted by this University shall be determined from time to time. Acceptance of a course of study as equivalent may not include the examination in that subject held by the accepted school, but the student may be required to pass such examinations, individual or comprehensive, as may be required by the Faculty.

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than January 1st. Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

A fee of $50.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Secretary of the Faculty, when possible, is advisable.

REGISTRATION

Students in the Faculty of Medicine will register at the Registrar's Office on Friday, September 1st or Tuesday, September 5th, 1950. Those who register after the latter date will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if they register during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

UNIVERSITY FEES

1. REGULAR STUDENTS

Annual fee	$450.00
By instalments: each of two instalments	227.50

2. REPEATING A YEAR

Students repeating a year pay	450.00

3. PARTIAL STUDENTS

Qualified students may be admitted as partials to one or more courses on payment of special fees.

4. AD EUNDEM FEE

Students entering any year above the first, pay a special *ad eundem* fee of	$10.00

5. DIPLOMA OF PUBLIC HEALTH FEES

The fee for the graduate course in Public Health, including laboratory and outdoor work, as well as student Health Service fee, is $250.00, of which $25.00 is to be deposited on acceptance of application.

6. DIPLOMA OF TROPICAL MEDICINE AND HYGIENE FEES

The fee for the course leading to this diploma is $50.00 if preceded by the D.P.H. course at McGill University or $100.00 for those already holding the D.P.H., taken elsewhere. For all others the fee is $250.00.

STUDENTS' SOCIETY FEES

FEES FOR THE SUPPORT OF STUDENT ORGANIZATIONS

Regular students (men)	$16.00
Regular students (women)	16.00
Partial students taking less than three courses	5.00

By instalments: half with each instalment.

DATES OF PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. on the following dates:

Tuesday, September 5th, to Thursday, September 7th, inclusive, or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

All fees are payable in Canadian currency.

For further information and for a list of special fees see the General Information Pamphlet included in this Announcement.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories: 2/3, 1/6, and

1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practioner in medicine. Suitable microscopes may be secured through local dealers.

BOARD AND RESIDENCE

For details of board and residence and an estimate of expenses, see the General Information Pamphlet included in this Announcement (pages 305-310).

HEALTH SERVICE

For details of the Health Service and Medical Examinations see the General Information Pamphlet included in this Announcement (page 310).

COURSES FOR THE DEGREE OF M.D., C.M.

The minimum period of professional training required by the University as a qualification for the independent practice of Medicine shall be five years, including

a. four years of medical study in the University leading to the degree of M.D.,C.M.; and

b. one year of interneship in an approved hospital,

or

one year of further medical study in the Faculty of Medicine of McGill University or at another medical school approved by it.

While the Faculty Administration exercises a general supervision of arrangements for interneships, the Faculty of Medicine assumes no responsibility to provide an interneship for any student.

A certificate that his medical education is completed and that he is eligible to sit for the examination of a licensing board shall not be issued to any graduate until the University is in possession of satisfactory evidence that he has completed the full requirements.

There are three sessions of thirty-six weeks each and one session (final session) of thirty-two weeks, all exclusive of examination periods. The sessions usually begin the first Tuesday after the first Monday in September (Labour Day) and continue until the first week of June in the first three years and to the first week in May in the final year.

The academic session is divided into four terms in the first and fourth session and into three terms in the second and third sessions. The minimal

period of study for the degree of M.D., C.M., is, therefore, four sessions of study comprising one hundred and forty weeks exclusive of examination periods.

The arrangement of the principal subjects of instruction is usually as follows:

FIRST SESSION

Anatomy (including Histology and Embryology), Physiology, Biochemistry, Psychobiology and Medical Sociology, Introduction to Medicine.

SECOND SESSION

Pharmacology, General Pathology, Bacteriology and Immunology, Parasitology, Laboratory Diagnosis, Medicine, Surgery, Pædiatrics, Obstetrics, Health and Social Medicine, Psychiatry.

THIRD SESSION

Special Pathology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Psychiatry, Therapeutics, Ophthalmology, Oto-laryngology, Medical Jurisprudence, Radiology, Anæsthesia.

FOURTH SESSION

Medicine*, Surgery*, Obstetrics and Gynæcology, Psychiatry, Pædiatrics, Ophthalmology, Otolaryngology, Radiology, Neurology and Neuro-Surgery.

*In these subjects are included the following:

Medicine—Dermatology, Clinical Therapeutics.

Surgery—Orthopædics, Urological Surgery, Anæsthesia.

EXAMINATIONS

The examinations taken within the Medical Faculty are divided into two groups, namely major examinations and minor examinations. Major examinations are the final examinations in Anatomy (Embryology), Histology, Physiology, Biochemistry, Pharmacology, Bacteriology and Immunology, Pathology, Health and Social Medicine, Pædiatrics, Medicine, Surgery, Obstetrics and Gynæcology, Psychiatry.

Minor examinations include the final examinations in Parasitology, Neuro-anatomy, Laboratory Diagnosis, Medical Jurisprudence, Therapeutics, Ophthalmology, Otolaryngology, Radiology, and examinations preliminary to the final major examinations.

A student who fails in any major examination will be required before he sits a supplemental examination to present to the Dean's office from the senior professor of the Department concerned a certificate that the student has taken sufficient extra tuition as would indicate that he has reviewed the subject and is a suitable candidate for the supplemental examination.

There is a strict difference between the importance of a major and a minor examination. If a student fails in the supplemental of a major examination, there are definite restrictions as hereinafter set forth, while failure in the supplemental of a minor examination permits the student to carry conditions as are hereinafter laid down.

A student who fails in the supplemental of one (or two) minor examination may proceed with other subjects in the following year, carrying such subject as a condition, but may not sit any subsequent major examinations until such conditions have been removed, nor may more then two conditions be carried at one time.

All conditions must be removed by the end of the first term (November) in each session when additional supplemental examinations will be held. Failure in any of these will require the student to revert to the previous year and to repeat the courses of the Winter and Spring terms.

A student who fails in the supplementals of three or more minor examinations in any one session must repeat this session or may be asked to retire, as may be decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A failure in the supplemental of a major examination will require the student to repeat the course (repeat the year), and no student may repeat such a course more than once. Any student who fails in the supplementals of two major examinations in any one year shall be required to retire without the privilege of further supplementals.

A student is not allowed supplementals in three major examinations in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student is not allowed supplementals in two major and one minor examination in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A student in the final year may take a supplemental examination in one subject only at the end of the following September, but must present a certificate from the senior professor of the Department concerned that

he has taken at least three months' extra tuition in this subject in one of the teaching hospitals of the McGill Faculty of Medicine. If he should fail in this supplemental examination, he must repeat the year of study and pass all the major examinations at the completion of the session.

A student in the final year who fails in two subjects will not be permitted supplementals but must repeat the year or retire as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student will not be allowed to repeat a year more than once nor may he repeat a subsequent year if such repetition has been due to failure in examinations, except on special recommendation of the Promotion Committee, acting upon the motion of the representatives on the committee of the Department concerned.

A student who has been permitted to repeat his year shall be required to make a C+ grade, which for this purpose is considered to be 65%, or he will not be permitted to continue his course.

A schedule of the times of major and minor examinations shall be published as a supplement to these ordinances at the beginning of each academic session.

Examinations, tests, reviews, etc., may be held during the session by any Department in its time of instruction, provided that no more than twenty-four (24) hours' notice is given. It is understood that such examinations, tests or reviews are conducted for the benefit of the student in order that he may have experience in the requirements of the sessional examinations, and further, that he and his teachers may know he is progressing in his studies.

There shall be two Promotion Committees. The First Committee shall consist of representatives of the subjects of Anatomy, Biochemistry, Histology, Physiology, Pharmacology, Bacteriology, Parasitology, Pathology, and Endocrinology, appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the first and second years. The second Committee shall consist of representatives of the Departments of Pathology, Bacteriology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynæcology and Pædiatrics, appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the third and fourth years.

All results of examinations will be given out by the Dean's office, after they have been passed upon by the Promotion Committee. It is an absolute rule that no examination results shall be communicated by any other channel.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

GRADING

At the conclusion of each course, students are graded in five groups as follows:

A = Excellent
B = Good
C = Fair
D = Doubtful
E = Failure

In reporting the grading, the names of those students who attain "A" standing are arranged in order of merit; in all other grades the arrangement is alphabetical.

The grade assigned to a student is based upon the results of the Final Examination, but the instructor also takes into account the record of the work done throughout the course.

The quality of the English used by a candidate is taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, ETC.

Details of fellowships, scholarships, bursaries, medals, and prizes open to undergraduate and graduate students in Medicine, and of the University Loan Fund will be found in the Scholarships Announcement.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for four full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University. (See page 1607.)

3. No one is permitted to become a candidate for the degree who has not attended at least two full sessions at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions of nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University requires Canadian students to register with the licensing body of their home province before beginning their medical course.

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:

QUEBEC—Dr. J. Paquin, 1896 Dorchester St. West, Montreal.

ONTARIO—Dr. Robert T. Noble, 566 University Ave., Toronto, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, 196 Atlantic St., Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. I. J. Yeo, Charlottetown, P.E.I.

MANITOBA—Dr. M. T. McFarland, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. W. Bramley Moore, 207 Alexandra Block, Edmonton, Alta.

SASKATCHEWAN—Dr. G. Gordon Ferguson, 415 Birks Bldg., Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. J. MacLachlan, 203 Medical-Dental Building, Vancouver, B.C.

NEWFOUNDLAND—Dr. C. Macpherson, P.O. Box 5121, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance at lectures, practical work, and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

Courses of Instruction

DEPARTMENT OF ANAESTHESIA

Professor	———, *Chairman*
Associate Professor	H. R. Griffith
Assistant Professors	C. R. Stephen
	F. A. H. Wilkinson
Lecturers	R. S. Ferguson
	R. G. B. Gilbert
	W. C. Stockwell
Demonstrators	W. G. Cullen
	J. J. Kelly
	P. E. O'Shaughnessy
	A. F. Pasquet
	A. M. Torrie

UNDERGRADUATE COURSES

A student in Medicine, before reaching that part of the curriculum which deals with anæsthesia, will have acquired during the earlier years at the university some incomplete, but important, knowledge of anæsthesia while taking the courses in anatomy, physiology, biochemistry, pharmacology, and pathology.

In the final year he attends thirteen "lectures" given by the personnel of the Department of Anæsthesia. At the beginning of each "lecture" a sound-film is shown and followed by a panel discussion on the topic presented. Each discussion is carefully prepared and conducted by three teachers of the staff, each teacher sharing in rotation.

The student is given advice on what to read. At the termination of these "lectures" a written examination is held.

In the final year, also, each student is allocated for one week to the Department of Anæsthesia in one of the hospitals, and two more days in another, in these to learn as much as he may in that short time, as he does the bidding of the anæsthetists and attends four well-planned lecture-demonstrations. While it is admitted that this course is rather brief, it may be pointed out that it has been preceded by previous instruction in the basic subjects mentioned above, and it must be remembered that, on account of the overloaded curriculum of the medical student, more time for anæsthesia is out of the question.

DEPARTMENT OF ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Assistant Professor	D. S. FORSTER
Lecturer	E. W. WORKMAN
Demonstrator	HOWARD ROOT
Teaching Fellows	W. R. E. SPROAT
	CATHERINE E. STEVENS

REQUIRED COURSES

1. GROSS ANATOMY

Five hours lectures and fifteen hours laboratory work per week during the Autumn, Winter and Spring terms of the first medical year.

2. NEURO-ANATOMY

Four hours lecture and laboratory per week during the first term of the second year. Conducted with the co-operation of Dr. Francis McNaughton. This course is listed under the Department of Neurology and Neurosurgery as 2A Neuroanatomy.

3. APPLIED ANATOMY

One hour per week lecture and demonstration during the Winter and Spring terms of the third medical year.

Textbooks: Gray's "Anatomy" (English edition) or Cunningham's "Text-Book of Anatomy."

Practical Manuals: Buchanan's "Manual of Anatomy"; Johnston's "Synopsis of Regional Anatomy."

Optional Texts: Quain, Piersal, Spalteholz Atlas, Fraser's "Anatomy of the Human Skeleton", Fraser and Robbins, Larsell, Ramson.

ELECTIVE COURSES

The Department provides, as far as material will permit, facilities for advanced work or revision. The Chairman of the Department should be consulted by anyone wishing to undertake work of this nature.

4. ADVANCED NEURO-ANATOMY

Lecture and laboratory work on two evenings per week from October to December. By arrangement the course is held in the Neurological Institute under the direction of Dr. McNaughton. The class is limited to ten. The course consists of the construction of plasticine models of the brain, based on individual study of the brain and brain stem.

5. PHYSICAL ANTHROPOLOGY

Lectures and practical courses will be arranged for students when required.

MICROSCOPIC ANATOMY

REQUIRED COURSE

6. HISTOLOGY

The study of the histological structure of the body. Two hours lectures and six hours laboratory work per week during the first 28 weeks of the first medical year.

Textbook: Bailey, "Text-Book of Histology" or Maximow and Bloom.

Optional Texts: Cowdry, Lewis and Bremer, Jordan.

ELECTIVE COURSE

7. EXPERIMENTAL MORPHOLOGY

This course is divided into two parts:

(a) A seminar on theoretical problems of histology and histo-chemistry. One hour weekly.

(b) A practical course on the planning of biological experiments, operative procedures on laboratory animals, histological technique, histo-chemical reactions, radioactive elements (detection by radio-autographs and Geiger counter), photographic methods, etc. One hour lecture and laboratory each week.

EMBRYOLOGY

REQUIRED COURSE

8. THE STUDY OF HUMAN DEVELOPMENTAL ANATOMY

One hour per week lecture and three hours per week laboratory work during second half of the first medical year.

Textbook: Arey, "Developmental Anatomy."

Optional Texts: Jordan, Simkins, Bailey and Millar, Keith, Fraser.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor	E. G. D. MURRAY, *Chairman*
Associate Professors	D. S. FLEMING
	J. W. STEVENSON
Assistant Professors	G. G. KALZ
	C. D. KELLY
Lecturers	J. DE VRIES
	C. R. MCLEAN
	A. M. MASSON
	F. H. PRISSICK
Demonstrator (Teaching Fellow)	J. J. STOCK

All lectures and laboratory courses are given in the Department of Bacteriology, Pathological Institute.

1. ELEMENTARY MEDICAL BACTERIOLOGY AND IMMUNOLOGY

30 lectures and 63 hours practical work commencing September, first medical term, 2nd year.

Available to Medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology, and Biochemistry.

2. APPLIED MEDICAL BACTERIOLOGY AND IMMUNOLOGY AND THE PROCESSES OF INFECTIOUS DISEASES

20 lectures and 40 hours of demonstrations commencing November 15th, 2nd medical term 2nd year.

3. BACTERIOLOGY AND IMMUNOLOGY FOR HONOURS B.SC. DEGREE

The class is limited in size and priority is given to Honours students in their fourth year. Students in the Faculty of Graduate Studies are admitted only if they have suitable qualifications and if there are vacancies.

77 lectures and 308 hours practical work with 50 hours discussion periods through the year (3 full courses). Biochemistry 5 (lectures only) is compulsory. One other course is to be selected by the students.

6. BACTERIOLOGY AND IMMUNOLOGY FOR THE M.SC. DEGREE

8. APPLIED BACTERIOLOGY FOR GRADUATE NURSES (CERTIFICATE COURSE)

22 lectures and 19 hours practical work. Available only to students in the School of Graduate Nurses commencing October to December in the first term.

9. PUBLIC HEALTH BACTERIOLOGY AND IMMUNOLOGY

Available to postgraduate students for the diploma or Master's degree in Public Health. Given in association with the Department of Health and Social Medicine.

10. SEMINARS ON APPLIED BACTERIOLOGY IN RELATION TO PARTICULAR NURSING PROBLEMS (DEGREE COURSE)

14 periods of 2 hours commencing January for 14 weeks in the second term. Available only to nurses taking the Degree Course and on the successful completion of Course 8. Limited to 20 students.

Textbooks: Zinsser, Textbook of Bacteriology, edited by Smith and Martin (Appleton-Century-Crofts); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); Topley & Wilson, Principles of Bacteriology, revised by Wilson & Miles (Edward Arnold); E. O. Jordan and W. Burrows, Text-Book of Bacteriology (Saunders); H. Zinsser, J. F. Enders, L. D. Fothergill, Immunity Principles and Application in Medicine and Public Health (Macmillan); R. W. Fairbrother, A Text-

Book of Medical Bacteriology (W. Heinemann); T. M. Rivers, Viral and Rickettsial Infections of Man (Lippincott); R. J. Dubos, Bacterial and Mycotic Infections of Man (Lippincott); F. M. Burnet, Virus as Organism (Harvard University Press).

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman*
	J. H. QUASTEL
Associate Professors	O. F. DENSTEDT
	R. D. H. HEARD
Assistant Professor	K. A. C. ELLIOTT
Sessional Lecturer	JUDITH SAFFRAN

FIRST YEAR

BIOCHEMISTRY 1. Mon., Wed., Fri., at 9 a.m. (beginning in October).

1L. Laboratory: Six hours a week October to February

Professor Thomson

Textbooks: Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-book of Biochemistry" (Macmillan); Williams, "Text-book of Biochemistry" (van Nostrand); Schmidt and Allen, "Fundamentals of Biochemistry" (McGraw-Hill); Mitchell, "Text-book of Biochemistry" (McGraw-Hill).

This course consists of the courses numbered 31, 32 (Endocrinology) and 33 (Nutrition) listed in the Announcement of the Faculty of Arts and Science, which also lists more advanced courses offered by the Department.

DEPARTMENT OF HEALTH AND SOCIAL MEDICINE

Strathcona Professor	R. P. VIVIAN, *Chairman*
Assistant Professor	C. W. MACMILLAN
Lecturers	E. A. BLUMENFELD
	H. E. BURKE
	W. H. CRUICKSHANK
	I. M. RABINOWITCH
	GRAHAM ROSS
	BARUCH SILVERMAN
	MARIAN WALL

The instruction is designed to present to the undergraduate the social factors of particular importance in the practice of Medicine, stressing the role of Preventive Medicine and Public Health.

In the second year the subject matter covered includes Vital Statistics; principles of Communicable Disease Control, Sanitation, Environmental Hygiene; and the organization and activities of the Public Health Service, with a consideration of the problem of the non-communicable diseases. This is timed to coincide with complementary material presented by other Departments.

Field trips are undertaken to observe the control of water, milk, and food supplies. Demonstrations are given of the work of the Quebec Division of Industrial Hygiene. Exercise periods are held to provide a working knowledge of statistical procedure in Medical Statistics.

An examination (minor) is held at the end of the second year.

In the third year lectures are given to the class as a whole on Population influences and trends; the W.H.O.; the problem of medical care; public welfare, voluntary agencies, and the medical social worker; social security, health insurance, and medical economics.

Throughout the year concentrated courses of six weeks each with four half-day periods each week are conducted for a sixth of the class on a rotation basis.

Each of these courses covers the organization and administration of the Western Health District of the City of Montreal; the epidemiology and control measures for the more common communicable diseases including Tuberculosis and Venereal Disease; the work of the Provincial Public Health Laboratory is demonstrated, and the preparation of sera, vaccines, and toxoids observed; practice is obtained in the common immunological procedures; and community activities in Maternal and Child Hygiene, Industrial Medicine, Nutritional Education, Mental Hygiene, and Health Education are illustrated by the facilities in the community.

A final examination is held at the end of the third year.

TOXICOLOGY AND MEDICAL JURISPRUDENCE

A. TOXICOLOGY i. A series of 8 lectures on acute poisoning—(a) occurrence (b) modes of action of poisons and modifying factors (c) diagnosis and treatment of acute poisoning and (d) medico-legal considerations.

ii. A series of 4 lectures on industrial toxicology—(a) dusts, fumes, smokes mists, fogs, and vapours (b) metal fume fever (c) arsenic, lead, and mercury (d) carbon monoxide (e) organic compounds—aliphatic and aromatic hydrocarbons—halogenated, nitro, and amino derivatives (f) organic solvents (g) factors influencing selection of employees (h) early diagnosis of industrial poisoning.

B. JURISPRUDENCE: A series of 12 lectures on (a) legal status of physicians (b) obligation of doctor to state (c) professional secrecy—privileged communications (d) responsibility to patient—implied and expressed contracts (e) physical examinations, surgical operations and consent (f) malpractice—civil, criminal (g) legal procedures—coroner's court, other courts, medical witness (h) medico-legal aspects of death (i) personal identity in its medico-legal bearing (j) blood stains (k) wounds (l) pregnancy (m) abortion (n) infanticide (o) impotency and sterility (p) rape (q) medico-legal aspects of alcoholic intoxication (r) insanity.

Text and Reference Books: i. General: Buchanan, Text Book of Forensic Medicine and Toxicology; Glaister, Medical Jurisprudence and Toxicology; Kerr, Forensic Medicine; Littlejohn, Forensic Medicine; Gonzales, Vance and Helpern, Legal Medicine and Toxicology; McNally, Toxicology; Sydney Smith, Forensic Medicine; Sydney Smith and Glaister, Recent Advances in Forensic Medicine; Taylor, Principles and Practice of Medical Jurisprudence.

ii. Industrial Toxicology: Wampler, Principles and Practice of Industrial Medicine; Gafarer, Manual of Industrial Hygiene; Henderson and Haggard, Noxious Gases; Jacobs, Toxicity of Industrial Organic Solvents —Report No. 80, Medical Research Council, Industrial Health Research Board, G.B.; Hunter, Industrial Toxicology.

DEPARTMENT OF MEDICINE

Professors

J. S. L. BROWNE, *Chairman*
G. R. BROW
E. S. MILLS

Associate Professors

K. A. EVELYN
J. K. GORDON
E. H. MASON
I. M. RABINOWITCH
W. deM. SCRIVER

Assistant Professors

L. J. ADAMS
E. H. BENSLEY
H. E. BURKE
D. G. CAMERON
G. A. COPPING
NEIL FEENEY
W. H. P. HILL
M. M. HOFFMAN
J. G. HOWLETT
W. R. KENNEDY
LOUIS LOWENSTEIN
J. F. McINTOSH
H. S. MITCHELL
J. H. PALMER
BRAM ROSE
H. N. SEGALL
F. MacI. SMITH
C. J. TIDMARSH
S. R. TOWNSEND
ELEANOR VENNING
H. P. WRIGHT

Lecturers

MICHAEL ARONOVITCH
C. S. BARKER
R. C. BENNETTS
J. O. W. BRABANDER
R. A. CLEGHORN
A. F. FOWLER
G. W. HALPENNY
L. G. JOHNSON
W. G. MCLELLAN
R. D. MCKENNA
K. R. MACKENZIE
J. F. MEAKINS
D. L. MENDEL
C. J. PATTEE
J. T. QUINTIN
A. T. THOM
R. V. WARD
P. G. WEIL
G. E. WIGHT

Demonstrators

DAVID BARZA
R. G. BAXTER
F. M. BOURNE
PARKER CHESNEY
WM. COHEN
BASIL CUDDIHY
W. W. EAKIN
R. R. FORSEY
C. J. FOURNIER
ALEX. GORDON
R. G. M. HARBERT
R. P. HOWARD
A. W. LAPIN
LESTER MCCALLUM
MYRON NOTKIN
PAULA SHOPFLOCHER
LORNE SHAPIRO
GEORGE SHIMO
C. B. SMITH

CLINICAL THERAPEUTICS

Assistant Professor C. W. FULLERTON

Lecturers GUY H. FISK
W. DEM. SCRIVER

DERMATOLOGY

Clinical Professors J. F. BURGESS
L. P. EREAUX

Lecturers

FREDERICK KALZ
B. D. USHER
D. S. MITCHELL

Demonstrator G. E. CRAIG

THE CURRICULUM IN THE DEPARTMENT OF MEDICINE

FOREWORD

The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease, to afford a knowledge of the technique, and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students, teachers and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded at the Royal Victoria Hospital and at the Montreal General Hospital where there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The University lectures and clinical lectures are open to students of all years. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

REQUIRED COURSES

SECOND YEAR

COURSE II 1—INTEGRATION OF PHYSIOLOGY, BIOCHEMISTRY, AND ANATOMY WITH MEDICINE

Time—Last term of second year—two lectures a week and one amphitheatre clinic.

Place—Medical Building. Montreal Neurological Institute Theatre.

Subject Material—This course covers in a systematic manner the deviations from the normal of the physiological and biochemical functions. These are correlated so as to explain symptoms and signs which may be found on physical examination as detected by clinical methods dealt with in Course II 2. This course follows a chronological order from birth to old age and is so interpreted as to give the student a panoramic view of these disturbances with a proper perspective.

Professor Browne

COURSE II 2—A PRACTICAL COURSE IN CLINICAL METHODS

Time—Last term of second year.

Place—Outpatient Departments of the Royal Victoria and the Montreal General Hospitals.

Subject—Practical instruction 4 hours a week on Normal and Abnormal Physical Signs and one amphitheatre clinic.

COURSE II 3—LABORATORY DIAGNOSIS

Time—Last term of second year.

Place—Medical Building.

Subject—Instruction and practice 2 periods a week in microscopy as applied to clinical medicine. *Professor McIntosh and Assistants*

THIRD YEAR

COURSE III 4—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once weekly throughout year.

Place—Alternately at the Royal Victoria and the Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating certain disease processes.

COURSE III 5—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATIONS

Time—Twice weekly during the medical trimester.

Place—Wards of the Royal Victoria and the Montreal General Hospitals.

COURSE III 6—CLINICO-PATHOLOGICAL CONFERENCE

Time—Weekly during the medical trimester.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE III 7—CASE REPORTING

During the trimester in Medicine students will be assigned patients in the wards. They will be required to write case histories, make a general examination, note progress, and do such laboratory investigations as are within their scope and have access to all other Laboratory and X-Ray findings.

COURSE III 8—A PRACTICAL COURSE IN DISEASES OF METABOLISM

Time—Weekly during the medical trimester.

Place—Royal Victoria and the Montreal General Hospitals.

Subject—This course consists of weekly Ward Rounds in the two Hospitals.

In addition to the above courses General Ward Rounds are held once a week at each Hospital for students reporting Medicine.

FOURTH YEAR

COURSE IV 9—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once a week throughout year.

Place—Alternately at the Royal Victoria and the Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating more complicated cases as compared to the third year.

COURSE IV 10—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATION

Time—Twice weekly during medical quarter.

Place—Wards of the Royal Victoria and the Montreal General Hospitals.

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

Professor of Neurology and Neurosurgery	WILDER PENFIELD, *Chairman*
Associate Professor of Neurosurgery	WILLIAM CONE
Associate Professors of Neurology	DONALD MCEACHERN FRANCIS MCNAUGHTON
Research Fellow (*Faculty of Graduate Studies and Research*)	BORIS BABKIN
Assistant Professors of Neurology	ARTHUR W. YOUNG
Assistant Professor of Neurosurgery	ARTHUR ELVIDGE
Assistant Professor of Neurological Radiology	DONALD MCRAE
Assistant Professors of Experimental Neurology	K. A. C. ELLIOTT HERBERT JASPER ROY L. SWANK
Lecturers in Neurology	C. MILLER FISHER JOHN KERSHMAN J. PRESTON ROBB
Lecturers in Neurosurgery	HAROLD W. ELLIOTT W. KEASLEY WELCH
Lecturer in Neuroanatomy	JERZY OLSZEWSKI
Demonstrators in Neurology	D. L. LLOYD-SMITH G. M. SHY
Demonstrators in Neurosurgery	MAITLAND BALDWIN FRANCIS H. O'BRIEN REVIS LEWIS ERIC PETERSON
Demonstrators in Neuropathology	IGOR KLATZO ROBERT A. SEARS

Demonstrator in Neuroanatomy — Cho-luh Li

Demonstrator in Electroencephalography — Lewis Henderson

Fellows of the Montreal Neurological Institute

Robert Aquilina	Cho-luh Li
* George Austin	John Lord
Maitland Baldwin	D. Lloyd-Smith
John Bates	*** C. Ajemone Marsan
** Samuel Brendler	F. H. O'Brien
Pedro de Castro	Bernard Pertuiset
Anatole Dekaban	Eric Peterson
Ralph Druckman	H. Lamar Roberts
K. M. Earle	George Shy
W. F. Gerber	T. J. Speakman
Gerald Haines	Julius Stoll
Igor Klatzo	Donald Tower
R. C. Lewis	J. M. Van Buren
	W. Keasley Welch

* U.S. Public Health Fellowship.

** National Paraplegia Foundation Fellowship.

*** Rockefeller Foundation Fellowship.

SECOND YEAR

2A (ANATOMY 2) NEUROANATOMY. Lectures and Laboratory. Department of Anatomy. *Professor McNaughton and Dr. Fisher*

2B NEUROLOGICAL ASPECTS OF PHYSIOPATHOLOGY. 3 lectures. Department of Medicine. *Professors McNaughton and Jasper*

2C PHYSICAL EXAMINATION OF THE NERVOUS SYSTEM. 2 theatre clinics, Department of Medicine (1 at M.G.H., 1 at R.V.H.). *Dr. Robb*

THIRD YEAR

3A SURVEY OF NEUROLOGY AND NEUROSURGERY. 24 lectures. Saturdays 8:45-9:40. M.N.I. Amphitheatre. *Professors Penfield and McNaughton*

FOURTH YEAR

4A NEUROLOGICAL AND NEUROSURGICAL CLINICS. 20 theatre clinics. Saturdays, 10:00-11-00. M.N.I. Amphitheatre. *Professors Cone and McEachern*

4B-1 NEUROLOGICAL O.P.D. R.V.H. Outpatient Department. Monday and Thursday*, 2:00-3:00. *Professor McEachern and Assistants*

*Two Thursdays per month only.

4C-1 NEUROLOGY WARD CLASSES. Department of Medicine. Wednesdays, 8:45-9:45 (R.V.H. group). *Professor Young*

4B-2 & 4C-2 COMBINED NEUROLOGICAL O.P.D. AND WARD CLASSES. M.G.H. Mondays and Fridays, 2:00-3:00 (M.G.H. group). *Professor McNaughton and Assistants*

4D-1 NEUROSURGERY WARD CLASSES. Department of Surgery. M.N.I. (R.V.H. group). Mondays, 1:00-2:00. *Professor Cone and Assistants*

4D-2 NEUROSURGERY WARD CLASSES. Department of Surgery. M.N.I. (M.G.H. group). Thursdays, 1:00-2:00. *Professor Elvidge and Assistants*

4E-1 NEUROLOGY SEMINAR. R.V.H. Outpatient Department. Tuesdays, 3:45-4:45. *Professor McNaughton and Dr. Robb*

4E-2 NEUROLOGY SEMINAR. M.G.H. Outpatient Department. Fridays, 3:00-4:00. *Professor McNaughton and Dr. Robb*

ELECTIVE COURSES

A. SEMINAR IN NEUROANATOMY. M.N.I. 4 hours weekly (12 weeks).

1. Lectures, demonstrations, and discussions.
2. Construction of brain model by selected group.

Two evenings, beginning in November. *Professor McNaughton*

B. SEMINAR IN NEUROPHYSIOLOGY. M.N.I. 3 hours weekly (12 weeks). Laboratory demonstrations, lectures, and discussions. Mondays, 5-6 and 8-10, beginning in November. *Professor Jasper and Dr. Babkin*

C. COLLOQUIUM IN CLINICAL NEUROLOGY. 1 hour weekly. Clinics and lectures. Wednesdays, 5 p.m., M.N.I. *Professor McNaughton*

D. COLLOQUIUM IN NEUROSURGERY AND ELECTROENCEPHALOGRAPHY. M.N.I. 1 hour weekly. Fridays, 4 p.m. (10 months). *Professors Penfield and Jasper*

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Professor N. W. PHILPOTT, *Chairman*

Assistant Professors J. S. HENRY
G. C. MELHADO
ELEANOR PERCIVAL
G. A. SIMPSON

Lecturers

J. E. Ayre
W. R. Foote
J. L. Macarthur
K. T. MacFarlane
G. B. Maughan
I. Y. Patrick
D. W. Sparling
George Strean
Clifford Ward

Demonstrators

Grace Donnelly
Simon Gold
Myer Hendelman
J. P. A. Latour
H. T. Lyon
Thomas Primrose
Jas. Holden Routledge

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology, and the Care of the New-born. The value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of admission till discharge from hospital is an ideal arrangement. Rooms are provided in the Women's Pavilion where the students may reside, in groups of six, during this period.

REQUIRED COURSES

SECOND YEAR—

Sixteen lectures are given as an introduction to the subject. These lectures are relative to the anatomy and physiology of the genital tract. The physiology of pregnancy is also described. *Professors Philpott and Simpson*

THIRD YEAR—

OBSTETRICS

1. Twenty-eight lectures to teach the fundamentals of pregnancy, labour and the puerperium. *Senior members of the Staff*

2. Eighteen demonstrations of obstetrical palpation and manikin instruction to illustrate the diagnosis and management of normal and abnormal presentations. *Professor Simpson and Assistants*

3. Six clinics in the caseroom or wards to teach the care of the patient in the hospital. *Professor Simpson and Assistants*

4. Six classes to demonstrate the care of the newborn. *Professor G. Ross and Assistants*

5. Six lectures to present the development of the genital tract with its histopathology. The development of the embryo.

GYNAECOLOGY

1. Five lectures to describe the more common gynæcological diseases. *Professor* ———— *and Assistants*

2. Thirty-six demonstrations or lectures at the bedside, in the operating theatre, or in the outpatient department, to illustrate the diagnosis and treatment of gynæcological patients. *Professor* ———— *and Assistants*

FOURTH YEAR—

OBSTETRICS

1. Thirty-four clinical conferences to illustrate the management of the obstetrical complications. *Professor Philpott*

2. Group ward rounds once a week to present the current interesting cases. *Professor Philpott*

3. Thirty-two hours in bedside clinics and the caseroom to teach the management of the obstetrical patient. *Senior members of the Staff*

4. Facilities are presented for attending sixteen antenatal clinics. *Members of the Staff*

GYNAECOLOGY

1. Twelve bedside clinics to be given in the gynæcology wards. *Senior members of the Staff*

2. Eight lecture-demonstrations in Gynæcological Pathology.

3. Eight hours of clinical instruction are given in the diagnosis and treatment of genital cancer. *Professor* ———— *and Assistants*

4. Facilities are extended for attending sixteen gynæcology outpatient clinics. *Members of the Staff*

Obstetrics Text and Reference Books: Beck, Obstetrical Practice; De Lee-Greenhill, Principles and Practice of Obstetrics; Johnstone, Textbook of Midwifery; Scott and Wan Wyck, The Essentials of Obstetrics and Gynæcology; Stander, Textbook on Obstetrics; The Ten Teachers, Midwifery.

Gynæcology Text and Reference Books: Curtis, Textbook of Gynæcology; Grossen, Textbook of Gynæcology; Kennedy-Campbell, Vaginal Hysterectomy; Novak, Textbook of Gynæcology; Shaw, Wilfred, Textbook of Gynæcology; Ten Teachers, Diseases of Women.

DEPARTMENT OF OPHTHALMOLOGY

Professor	————————, *Chairman*
Lecturers	BENJAMIN ALEXANDER
	K. B. JOHNSTON
	J. V. V. NICHOLLS
	R. J. VIGER
Demonstrators	H. A. G. DUNCAN
	L. S. S. KIRSCHBERG
	D. W. McDONALD
	WILLIAM TURNBULL

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses in the third and fourth year of the Medical course:—

THIRD YEAR

1. ROUTINE EXAMINATION OF THE EYE

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours..... ————————

2. LECTURE DEMONSTRATIONS TO ENTIRE CLASS

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential information for the clinical work of the final year.

Ten hours..... ————————

FOURTH YEAR

CLINICAL OPHTHALMOLOGY

This teaching is conducted in the Ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals. The class is divided into groups of ten, each group receiving twenty-five hours instruction. Ocular problems that are of greatest moment in general practice are

discussed. This includes the external diseases of the eye, the main ophthalmological findings in systemic disorders, affections of the nervous system, and as far as possible a co-relation of the clinical and histological ocular changes.

Textbooks: May, Gifford, Parsons, Berens.

Reference books: Duke-Elder.

DEPARTMENT OF OTO-LARYNGOLOGY

Professor	——————*Chairman*
Assistant Professors	K. O. HUTCHISON
	W. J. MCNALLY
	E. E. SCHARFE
	G. E. TREMBLE
Lecturer	E. A. STUART
Demonstrators	H. E. MCHUGH
	F. W. SHAVER

Instruction in Oto-Laryngology is given to students of the third and fourth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Medical motion pictures are used as a supplement to the class-room lecture and clinical demonstration.

THIRD YEAR

A course of 6 demonstrations is given to students of the Third Year. These demonstrations deal with the normal anatomy of the ear, nose, and throat, and with methods of examination. The students are required to examine the patients and recognize the normal and common pathological conditions of the ear, nose, and throat. Ward rounds are made to illustrate the pre- and post-operative methods of treatment.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

FOURTH YEAR

Sixteen clinical demonstrations are given in the out-patient departments and wards of the hospital. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books: Ballenger, A Manual of Otology, Rhinology and Laryngology (Macmillan); Geo. D. Wolfe, Ear, Nose and Throat (Lippincott); W. Wallace Morrison, Diseases of the Nose, Throat and Ear (McAinsh); Jackson and Jackson, Diseases of the Nose, Throat and Ear (W. B. Saunders); Chevalier Jackson, Bronchoscopy, Oesophagoscopy and Gastroscopy (W. B. Saunders); Sir St. Clair Thomson and Negus, Diseases of the Nose and Throat (McAinsh); D. H. Ballon, Chapters on Bronchoscopy and Oesophagoscopy in Surgical Diseases of the Chest by Evarts A. Graham, J. J. Singer, Harry C. Ballon (Lea & Febiger).

DEPARTMENT OF PAEDIATRICS

Professor — Alton Goldbloom, *Chairman*

Assistant Professors
- A. K. Geddes
- Alan Ross
- Jessie Scriver

Lecturers
- H. L. Bacal
- Ben Benjamin
- P. N. MacDermot
- E. M. Worden

Demonstrators
- H. Friedman-Brickman
- R. L. Denton
- S. I. Doubilet
- Eleanor Harpur
- Arnold Johnson
- David Klein
- Frances McCall
- D. R. McCrimmon
- J. H. O'Neill
- Frederick Shippam
- S. J. Usher
- Isobel Wright

Hosmer Fellow — Basil Wolman

REQUIRED COURSES

1. LECTURES

(a) An Introductory course of 12 lectures in the winter term of the second year covering physical and mental development of the infant and child, the bases of nutritional requirements of the growing child, mineral and water metabolism, the embryology of congenital defects.

(b) A series of 36 lectures once weekly during the third year designed to cover the various aspects of Diseases of Children; Nutrition, Hygiene, Infections, Communicable Diseases, Preventive Medicine, etc.

Professor Goldbloom and Staff

2. DISEASES OF THE NEWBORN: ROYAL VICTORIA MATERNITY PAVILION

A weekly clinic-demonstration to groups of students of the third year during their obstetrical quarter.

Professors Goldbloom, Geddes, Ross, and Scriver, and Dr. Worden

3. CLINICAL PAEDIATRICS

(a) During the third year the class is divided into groups, each group devoting the mornings of six weeks to clinical instruction at the Children's Memorial Hospital.

(b) Groups during the final year will spend four weeks entirely at the Children's Memorial Hospital as clinical clerks under tutors—3 or 4 students to each tutor. Work will be divided between the wards and the out-patients department.

Professors Goldbloom, Ross, and Geddes, and Staff

(c) Care and feeding of the normal infant, immunization procedures, preventive pædiatrics; Child Welfare Clinics.

Professor Scriver, and Drs. Usher, Doubilet, and Benjamin

(d) Infectious Diseases.

A series of demonstrations to groups of students on the common infectious diseases is given at the Alexandra Hospital as part of the instruction of the final year. *Dr. Worden*

Textbooks: Holt and McIntosh, Diseases of Infancy and Childhood; Mitchell and Nelson, Diseases of Infants and Children; Porter and Carter, Management of the Sick Infant and Child; Smith, Physiology of the New Born Infant; Bakwin, Psychologic Care During Infancy and Childhood.

Reference Books: Brenneman, Practice of Pædiatrics (4 volumes); Parsons and Barling, Diseases of Infancy and Childhood (2 volumes); Langdon, Home Guidance for Young Children; Von Reuss, Diseases of the New Born; Gesell, The Embryology of Behaviour; Patten, Human Embryology; Brown and Tisdall, Common Procedures in Pædiatrics; Goldbloom, Care of the Child.

DEPARTMENT OF PARASITOLOGY

Professor	T. W. M. Cameron, *Chairman*
Associate Professor	M. J. Miller
Assistant Professor	Donald Fairbairn
Lecturers	L. P. E. Choquette
	R. P. Harpur

REQUIRED COURSES

SECOND YEAR

2A. HUMAN PARASITOLOGY

This course on the animal parasites of man (protozoa helminths, and arthropods) comprises about 50 hours of instruction. Special attention is given to parasites found in North America, their diagnosis, bionomics, and pathogenesis as well as to the more important animal vectors of disease. Exotic forms are more briefly discussed. In the practical class, each student examines all the important species as well as the lesions caused by them.

First term—Two lectures and one laboratory period per week.

ELECTIVE COURSES

The Department not only provides facilities for advanced research work at the Institute of Parasitology, but offers diadactic courses in general and comparative parasitology and courses leading to the degrees of M.Sc., and Ph.D. (See Announcement of the Faculty of Graduate Studies and Research).

Textbook: T. W. M. Cameron, The Parasites of Man in Temperate Climates (2nd edition).

DEPARTMENT OF PATHOLOGY

Strathcona Professor	G. Lyman Duff, *Chairman*
Professor	Theo. R. Waugh
Associate Professor	Robert H. More
Assistant Professors	G. C. McMillan
	J. E. Pritchard
	W. E. Toreson
Lecturers	M. B. Mackenzie
	W. H. Mathews
	J. D. Rublee
	F. W. Wiglesworth

Demonstrators	F. A. JAFFE J. H. WHITESIDE
Sessional Demonstrator	M. A. SIMON
Fellows	W. J. CHARLTON C. T. CHEN C. W. JONES G. F. MEISSNER

REQUIRED COURSES

1. COURSE IN GENERAL PATHOLOGY (SECOND YEAR)

A. Two lectures per week (with epidiascopic and microscopic demonstrations) during the Autumn and Winter terms (48 lectures). *Professors Duff and More*

B. Practical laboratory classes during the Autumn and Winter terms (72 hours practical work). *Professor Toreson and Demonstrators*

2. COURSE IN SPECIAL PATHOLOGY (THIRD YEAR)

A. Two lectures per week during the Autumn, Winter, and Spring terms (72 lectures). *Professors Duff, Waugh, and More, and Lecturers*

B. Two practical laboratory classes per week during the Winter and Spring terms (96 hours practical work). *Professor Duff and Staff*

C. One demonstration of gross pathological material per week to students in small groups of 15 each, during Autumn, Winter, and Spring terms (36 hours). *Lecturers and Demonstrators*

3. COURSE IN APPLIED PATHOLOGY (THIRD AND FOURTH YEARS)

A. Pathological Conferences with demonstrations of current autopsy material. Once a week during the Autumn, Winter, and Spring terms (54 hours). *Professor Duff*

B. Group instruction in performance of autopsies with demonstrations of autopsy findings, during Autumn, Winter, and Spring terms. Time according to material.

Pathological Institute	*Professor Duff and Dr. Rublee*
Montreal General Hospital	*Professor Pritchard and Dr. Mathews*
Children's Memorial Hospital	*Dr. Wiglesworth*

Textbooks: Bell, Text-Book of Pathology (Macmillan); Boyd, Text-Book of Pathology (Lea & Febiger); Karsner, Human Pathology (Lippincott); MacCallum, Text-Book of Pathology (Saunders), Moore, Text-Book of Pathology (Saunders); Muir, Text-Book of Pathology (Arnold).

Reference Books:

General: Anderson, Pathology (Mosby); Boyd, Surgical Pathology (Saunders); Boyd, Pathology of Internal Diseases (Lea & Febiger); Forbus, Reaction to Injury (Williams & Wilkins); Reimann, Kaufmann's Pathology (Blakiston); Smith and Gault, Essentials of Pathology (Appleton Century); Ewing, Neoplastic Diseases (Saunders); Willis, The Pathology of Tumours (Butterworth).

Special: Naegeli, Blutkrankheiten und Blutdiagnostik (Julius Springer); Whitby and Britton, Disorders of the Blood (Churchill);

Biggart, Pathology of the Nervous System (Livingstone); Buzzard and Greenfield, Pathology of the Nervous System (Churchill); Freeman, Neuropathology (Saunders);

Novak, Gynæcological and Obstetrical Pathology (Saunders);

Geschikter and Copeland, Tumours of Bone (American Journal of Cancer);

Farber, The Post Mortem Examination (Charles Thomas); Mallory, Pathological Technique (Saunders); Saphir, Autopsy Diagnosis and Technique (Hoeber).

DEPARTMENT OF PHARMACOLOGY AND THERAPEUTICS

Professor	R. L. STEHLE, *Chairman*
Professor of Therapeutics	————
Associate Professor of Pharmacology	K. I. MELVILLE
Lecturer in Pharmacology	I. T. BECK
Lecturer in Therapeutics	W. DE M. SCRIVER
Demonstrator in Pharmacology	F. C. LU

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

REQUIRED COURSES

1A. PHARMACOLOGY

The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The

chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.

Two lectures a week during the Autumn and Winter terms supplemented by one conference and one demonstration a week. Second year.

The conference groups are limited to four students each.

Professors Stehle, Melville, and ———

1B. PHARMACOLOGICAL LABORATORY

The experiments are chosen to illustrate the lecture course.

One period (three hours) a week during the Autumn and Winter terms. Second year. *Professors Stehle and Melville, and Drs. Beck and Lu*

Textbooks in Pharmacology: Cushny, Sollmann, Thienes.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine.

REQUIRED COURSES

2. PRESCRIPTION WRITING

Three lectures. *Dr. Scriver*

3A. THERAPEUTICS

Didactic Instruction. A series of 20 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available.

3B. THERAPEUTICS

Theatre lectures. Eight clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Textbooks in Therapeutics: Bastedo, Beckman, Goodman and Gilman.

OPTIONS

Suitably prepared students may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

DEPARTMENT OF PHYSIOLOGY

Joseph Morley Drake Professor	F. C. MacIntosh, *Chairman*
Professor	A. S. V. Burgen
Associate Professors	B. D. Burns
	Norris Giblin
Assistant Professors	Simon Dworkin
	Kathleen G. Terroux
Lecturer	A. L. Johnson
Demonstrator	Helen Henrikson
Hosmer Fellow	Peter Oborin

FIRST YEAR

1. Physiology

Tuesday, Thursday, Saturday at 9 a.m., beginning in October.

1L. Physiological Laboratory

Three hours a week, from October.

Textbooks:

Systematic Physiology: Best and Taylor, The Living Body; Howell, Textbook of Physiology; Starling, Human Physiology.

Applied Physiology: Best and Taylor, Physiological Basis of Medical Practice; Wright, Applied Physiology.

OTHER COURSES

Further courses are available only to students who have achieved a high standing in the required courses: by application to the Chairman of the Department.

DEPARTMENT OF PSYCHIATRY

Professor — D. E. Cameron, *Chairman*

Associate Professors
R. A. Cleghorn
R. B. Malmo
A. E. Moll
Miguel Prados
Baruch Silverman

Assistant Professors
F. R. Hanson
G. E. Reed
Karl Stern

Lecturers

T. E. Dancey	H. E. Lehmann
Henry Hershon	A. A. MacKay
L. G. Hisey	C. H. Skitch

Demonstrators

Saul Albert	B. F. Graham
Carlos Bos	E. L. Margetts
Walter Bremner	Murray Saffran
Elliott Emanuel	Manuel Straker
	J. S. Tyhurst

REQUIRED COURSES

1. PHYSIOBIOLOGY—A course of twelve lectures will be given in the first year. In this course, the various aspects of human behaviour will be stressed, with special reference to their relationship to medicine.
Professor Cameron

2. PSYCHIATRY—Eighteen lectures on the basic behavioral disorders will be given. During the second year both those disorders which require hospitalization and those which can be dealt with on an ambulant basis will be considered. *Professor Reed and Assistants*

3. 70 hours of clinical instruction will be given during the third year. This instruction will be held primarily on the wards of the teaching hospitals and in the Out-Patient Departments.
Professors Cameron, Prados, and Moll, and Dr. Dancey

4. A course of eight lectures will be given on child psychiatry during the fourth year. *Professor Silverman*

5. Clinical demonstrations, out-patient instruction and ward rounds will be held during the fourth year. Certain of these will be devoted to early behavioral disturbances, psychosomatic and toxic states, and drug addictions. *Professors Cameron, Stern, and Cleghorn*

6. Instruction will be given in adult out-patient psychiatry in the Psychiatric Outdoor Department in the Royal Victoria Hospital, and in child out-patient psychiatry at the Mental Hygiene Institute.
Professors Prados and Silverman

7. Instruction in the care of long term cases, and institutional psychiatry, will be given at the Allan Memorial Institute and Verdun Protestant Hospital. *Professor Reed and Drs. Skitch and Lehman*

DEPARTMENT OF RADIOLOGY

Professor	CARLETON B. PEIRCE, *Chairman*
Associate Professor	JOSEPH W. MCKAY
Assistant Professors	J. J. L. BOUCHARD D. L. MCRAE
Demonstrators	N. M. BROWN E. F. CRUTCHLOW A. M. EDINGTON L. N. STEWART

FIRST YEAR

In co-operation with the Department of Anatomy, demonstrations are given on the roentgenologic anatomy of the skeletal, respiratory, gastro-intestinal, and urogenital systems, including fluoroscopic demonstrations of functional anatomy of joints, the thoracic viscera, and the alimentary tract. *Professor Peirce and Staff*

SECOND YEAR

INTRODUCTION TO RADIOLOGY

In co-operation with the Department of Medicine (Course II 2) as an introduction to special methods in Physical Diagnosis, the various means of radiologic examination are demonstrated to small groups of students in the Teaching Hospitals. The fluoroscopic and roentgenographic methods of study of the cardio-respiratory and gastro-intestinal systems especially are compared with the clinical means in physical examination.
Professors Peirce and McKay and Staff

THIRD YEAR

III ROENTGEN PATHOLOGY AND RADIATION THERAPY

A course of 24 lectures presenting the general features of roentgen interpretation, systemic roentgen pathology and the principles of roentgen and radium therapy.
Professors Peirce, McKay, Bouchard, and McRae, and Staff

FOURTH YEAR

IV CLINICAL RADIOLOGY

IV (1) Conference periods, two hours weekly each quarter during which the students in the several teaching hospitals discuss clinical case material with the Members of the Department.

Professors Peirce, McKay, Bouchard, and McRae, and Staff

IV (2) Tumour Conference. The final year students are expected to attend the Tumour or Neoplasm Clinics and Conferences in the several teaching hospitals, wherein the various means of diagnosis and treatment of malignant neoplasm are considered by representatives of the several departments of the teaching staffs, and their experience reviewed.

POST-GRADUATE INSTRUCTION

DIPLOMA IN RADIOLOGY

Details of the Post-Graduate course leading to the Diploma in Radiology of the Faculty of Medicine may be obtained from the Dean's Office or the Chairman of the Department.

Post-graduate training prerequisite to certification in the specialty by the Royal College of Physicians and Surgeons (Canada) or the American Board of Radiology is available in the teaching hospitals to selected graduates of approved Faculties or Schools of Medicine.

Text and Reference Books: Sante, Principles of Roentgenological Interpretation; Holmes and Ruggles, Roentgen Interpretation; Rigler, Outline of Roentgen Diagnosis; Hodges, Lampe and Holt, Radiology for Medical Students; Shanks, Kerly and Twining, Text Book of Radiology; Golden (et al), Diagnostic Radiology; Pancoast, Pendergrass and Schaeffer, Head and Neck in Roentgen Diagnosis; Kohler, Roentgenology; Wessen and Ruggles, Urological Roentgenology; Barclay, The Digestive Tract; Pohle, Theoretical Principles of Roentgen Therapy; Glasser, Quimby, Taylor and Weatherwax, Physical Foundations of Radiology.

DEPARTMENT OF SURGERY

Professors

G. GAVIN MILLER, *Chairman*
R. R. FITZGERALD

Associate Professors

J. C. ARMOUR
H. M. ELDER
D. E. ROSS
P. G. ROWE
A. L. WILKIE

Assistant Professors

H. L. Dawson
C. M. Gardner
J. C. Luke
C. A. McIntosh
S. J. Martin
H. S. Morton
H. F. Moseley
D. R. Webster

Lecturers

H. A. Baxter
S. G. Baxter
H. S. Dolan
John Gerrie
Mark Kaufmann
G. D. Little
D. W. MacKenzie, Jr.
E. A. McNaughton
H. G. Pretty
A. M. Vineberg

Demonstrators

F. D. Ackman
A. R. Bazin
E. H. Cayford
W. M. Couper
J. C. Dickison
R. I. Estrada
F. N. Gurd
G. A. Holland
R. N. Lawson
C. K. McLeod
W. W. Ruddick
J. C. Sutton
F. W. Woolhouse

ORTHOPAEDIC SURGERY

Assistant Professors

J. G. Petrie
J. G. Shannon

Demonstrators

W. G. Breckenridge
A. A. Butler
J. J. Dinan
S. E. Goldman
G. H. Raymond
J. A. L. Walker
C. Laird Wilson

UROLOGY

Clinical Professor

E. S. Smith

Lecturers

A. B. Hawthorne
S. A. MacDonald
R. G. Reid
M. I. Seng

Demonstrators

J. T. MacLean
Max Ratner
Alex. Strasberg
A. M. J. Tanney

REQUIRED COURSES

SECOND YEAR

Surgical teaching begins in the Winter term (24 weeks) of the second year. In this year special attention is directed to the instruction and training of the student in proper methods of physical examination from the surgical point of view. At the same time, instruction is given in methods of surgical technique, and the student is introduced to the simpler types of fractures and dislocations.

2A. A COURSE OF LECTURES (22) covering the history of Surgery and an introduction to the study of surgical diseases.

2B. GROUP CLASSES in the wards of the Montreal General and Royal Victoria Hospitals. At these, small groups of students are instructed in methods of examination as applied to surgery and its allied specialties.

THIRD YEAR

The student comes into a more intimate contact with the patients, and in the surgical trimester is assigned cases, writes case reports, acts as dresser, and assists at operations.

*3A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals, one day a week throughout the year.

3B. GROUP WARD CLASSES in the Montreal General and the Royal Victoria Hospitals, twice a week during the term.

3C. CASE REPORTING. Patients are allotted to students who act as reporters, dressers, and assistants at operations.

FOURTH YEAR

*4A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals alternately, once a week throughout term.

4B. GROUP WARD CLASSES AND WARD ROUNDS in the Montreal General and Royal Victoria Hospitals, four times a week during the surgical quarter.

4C. CASE REPORTING

4D. CLINICO-PATHOLOGICAL CONFERENCES once a week during the term, jointly with the Department of Pathology, at the Montreal General and Royal Victoria Hospitals.

4E. Two students are in residence each evening from 6:00 to 11:00 p.m., and on call from that time until 7 a.m. at the Royal Victoria Hospital.

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*Amphitheatre Clinics 3A and 4A are so arranged that all surgical subject are presented during the two year course.

SURGICAL DISEASES OF CHILDREN —

Instruction in the surgical diseases of children is given during the trimester in which the students are assigned to pædiatrics at the Children's Memorial Hospital, as follows:

4A. AMPHITHEATRE CLINICS once a week throughout trimester.

4B. GROUP WARD CLASSES three times a week throughout trimester.

ORTHOPAEDIC SURGERY —

FOURTH YEAR

4A. CLINICAL LECTURES. A course of 8 lectures given at the hospitals.

4B. WARD CLASSES at the Montreal General and Royal Victoria Hospitals, once a week during the surgical trimester.

4C. GROUP CLASSES IN THE OUT-DOOR DEPARTMENT of the Montreal General and Royal Victoria Hospitals, twice a week during the surgical trimester.

ANAESTHESIA —

Students are given practical instruction in the administration of anæsthetics, during their surgical trimesters in the third and fourth years at the Montreal General and Royal Victoria Hospitals.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology, and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

UROLOGY —

SECOND YEAR

2A. CLINICAL UROLOGY

Group classes, 4 demonstrations, in which instruction in methods of Urological examination is given in the Montreal General and Royal Victoria Hospitals. (See Surgery—2B.)

FOURTH YEAR

4A. CLINICAL LECTURES. A course of theatre clinics in each of the hospitals

4B. UROLOGICAL CLINICS. Ward classes.

The Montreal General Hospital—3 classes a week.

Royal Victoria Hospital—3 classes a week.

4C. CASE REPORTING IN UROLOGICAL WARDS

Instruction in surgery and the surgical specialties is given in the form of didactic lectures, amphitheatre clinics, and demonstrations and group teaching in the wards and out-patient departments of the teaching hospitals. The course is graded. The student must qualify in each year before proceeding to the next.

Textbooks:

1. *General Surgery:* John Homans, A Text-book of Surgery; C. C. Choyce, A System of Surgery; Gask and Wilson, Surgery; Hamilton Bailey, Demonstrations of Physical Signs in Clinical Surgery; Christopher; Cole and Elman; Romanis and Mitchener; Handfield, Jones and Porrett, The Essentials of Modern Surgery; Rose and Carless, Manual of Surgery; Berman, Synopsis of Principles of Surgery; Pack and Livingston, Treatment of Carcinoma; Christopher, Minor Surgery.

2. *Emergency Surgery:* John W. Sluss, Manual of Emergency Surgery; Cole and Puestow, Advanced First Aid.

3. *Surgical Anatomy:* McGregor, Synopsis of Surgical Anatomy; Treves, Surgical Applied Anatomy.

4. *Fractures and Dislocations:* Charles L. Scudder, Treatment of Fractures; Wilson and Cochrane, Fractures and Dislocations; Magnuson, Fractures; Stimson, Manual of Fractures and Dislocations; Wilson, Management of Fractures; Key and Conwell, Fractures and Dislocations; Watson Jones, Fractures and other Bone and Joint Injuries; Key and Conwell, Fractures, Dislocations and Sprains; Eve, Handbook of Fractures.

5. *Case Reporting:* J. Renfrew White, The Clinical Examination of Surgical Cases; Geckeler, Fractures and Dislocations.

6. *Urology:* Eisendrath and Rolnick, Urology; Herman, Practice of Urology; Hinman, Principles and Practice of Urology; Keyes and Ferguson, Urology; Young, Practice of Urology; Le Comte, Manual of Urology.

7. *Orthopædic Surgery:* Whitman, Orthopædic Surgery; Jones, Orthopædic Surgery of Injuries; Jones and Lovett, Orthopædic Surgery; Mercer, Orthopædic Surgery; Willis Campbell, Orthopædic Operations; Sever, Handbook of Operative Surgery; Steindler, Orthopædic Operations.

GRADUATE INSTRUCTION

1. Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. Special graduate work is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the chairman of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

A Diploma in Public Health and a Diploma in Tropical Medicine and Hygiene are granted by McGill University.

These courses are conducted by the Department of Health and Social Medicine with the collaboration of other departments in the Faculty of Medicine and the assistance of members of other faculties in the University who have a special interest in this field. Practical instruction and application are made possible through the co-operation of the Department of Health of Montreal and voluntary health agencies.

The Department of Health and Social Medicine is housed in its new quarters at 490 Pine Avenue West, within easy access of the Medical Building. The building contains ample accommodation for lectures seminars, and demonstrations. In addition to the excellent facilities of the Library of the Faculty of Medicine, which are at the disposal of students, the Department has its own library and reading-room. The building is also the headquarters of the Student Health Service.

DIPLOMA IN PUBLIC HEALTH

The course is designed to train graduates in medicine in the increasingly wider concept of the public health service. It includes:

SOCIOLOGY, with special reference to the practice of Medicine;

STATISTICAL METHODS from the point of view of providing an understanding of the fundamental principles of statistics as they are applied to medical science for the critical analysis of surveys and reports; instruction is given in carrying on research involving statistical techniques;

VITAL STATISTICS, including Biometrics, stressing the importance of the accurate recording of essential data, observations, and other findings, together with their practical significance and application;

EPIDEMIOLOGY as defined in its broadest sense, including communicable disease control and the assessment of morbidity in non-communicable diseases;

PUBLIC HEALTH LAW and its administration;

HYGIENE OF THE ENVIRONMENT, including Sanitation, Housing, and Nutrition; Physiological Hygiene;

INDUSTRIAL TOXICOLOGY AND INDUSTRIAL HYGIENE;

HYGIENES (Physical and Mental): Maternal, Infant, Pre-School, School, and Adult;

BACTERIOLOGY, PARASITOLOGY, AND IMMUNOLOGY, as related to public health practice;

SOCIAL AND ECONOMIC FACTORS IN HEALTH; programmes designed to deal with them;

PUBLIC HEALTH PRACTICE: The organization and administration of public health programmes, including Preventive Medicine, especially as they pertain to the public health agency, the family physician, and the social worker;

FIELD WORK: A period of three months' approved field work must be undertaken before the Diploma is granted. Facilities are available in fields of special interest, such as Tuberculosis, Venereal Disease, School Health, etc.

Candidates for the Diploma in Public Health must be graduates in Medicine of a recognized university.

The Diploma in Public Health course covers one academic year from September to April, with three months' additional field work.

The Fee for the Diploma in Public Health is $250.00, a portion of which—$25.00—the candidate is requested to deposit on acceptance of his application. Application must be made before June 1st.

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE

Tropical Medicine is coming to occupy a prominent place in medical education in North America as a direct outcome of the war and the rapid advance of aeroplane travel.

The present course in Tropical Medicine is a development of the short course given during the war to members of the armed forces. It has been revised and adjusted to post-war conditions.

The course of didactic instruction occupies a full academic year. Classes for the first term are in common with those for the Diploma in Public Health. Those for the second term are held at the Institute of Parasitology at Macdonald College of McGill University. The teaching collection at the Institute is a large and representative one. The work

is practical as well as theoretical, and includes a study of Parasitology and Medical Entomology, laboratory diagnoses of tropical and subtropical diseases, and lectures on the diseases of the tropics, on tropical hygiene, and minor sanitation.

Clinical instruction must, of necessity, be limited in temperate climates. This aspect is, therefore, deferred to the final part of the course which is given in the tropics at the conclusion of the didactic instruction. The course consists of clinical and field work for which arrangements have been made with Georgetown, British Guiana, Port of Spain, Trinidad, and Venezuela.

Candidates for the Diploma in Tropical Medicine and Hygiene must be graduates in medicine of a recognized university. Certain additional courses may be required of those who are not recent graduates or of those who have not had sufficient clinical practice.

The Fee for the Diploma in Tropical Medicine and Hygiene is $250, or $50.00 if preceded by the D.P.H. course at McGill University, or $100.00 for those who have taken the D.P.H. elsewhere.

Application must be made prior to June 1st.

BUILDINGS—

THE MEDICAL BUILDING

This building, erected in 1911, contains the Offices of Administration, the Medical Library (with its 74,000 volumes, its Reading Rooms, and their complete set of technical journals), the Department of Anatomy, and the Museums of Anatomy and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The laboratories for Histology and Embryology have excellent facilities with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. The extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Genetics, Biochemistry, Physiology, and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital and the Montreal Neurological Institute by tunnels, is situated on the northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology and Bacteriology and includes a Pathological Museum and museum workshops. It combines under one roof quarters for teaching and research in these departments, and it provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, and laboratories for treatment and study of diseases of the nervous system, the building provides facilities for graduate study and research in the related fields of basic science.

THE ALLAN MEMORIAL INSTITUTE

In 1943 a large building and site were donated as a basis for the development of an Institute of Psychiatry. The building was reconstructed to permit of the establishment of a fifty bed unit, together with extensive research laboratories, and was officially opened July 12th, 1944. Since that time, both undergraduate and postgraduate teaching have been carried on.

THE DONNER BUILDING

The Donner Building for Medical Research, adjacent to the Medical Building, was completed in September 1948. Its erection was made

possible through the generosity of William H. Donner of Philadelphia, the founder of the International Cancer Research Foundation, who provided the funds necessary for the construction of a building entirely devoted to medical research.

This building houses the Maxwell Lauterman Laboratories for Experimental Surgery and laboratories for Cytology and Dentistry.

HOSPITALS

Few medical schools on this continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical Faculty is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:

Royal Victoria Hospital
Montreal General Hospital
Children's Memorial Hospital
Alexandra Hospital for Infectious Diseases
Verdun Protestant Hospital
Royal Edward Laurentian Hospital
Royal Victoria Montreal Maternity Hospital

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical Faculty. These affiliated hospitals contain over 3,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University buildings, comprises the following units under one administration:

1. The Royal Victoria Hospital proper, or the Main Building;
2. The Ross Memorial Pavilion for private patients;
3. The Women's Pavilion—Royal Victoria Montreal Maternity;
4. The Allan Memorial Institute.

The total bed complement is 739, with 96 bassinets. Admissions total approximately 17,500 and confinements are in excess of 3,000 a year.

There are some 50,000 visits annually to the Out-Patient Department. The University Clinic was established in 1924 and has facilities for both clinical laboratory work and research.

Post-mortems total 55 per cent of the deaths.

The number of resident physicians is 96.

The Royal Victoria - Montreal Maternity Pavilion, with 214 beds for obstetrical and gynæcological cases. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. In a typical year, the obstetrical service cared for over 3,000 confinements in the Hospital. In the gynæcological section, over 2,000 cases are admitted during the year.

There are ten resident physicians.

The Montreal General Hospital Central and Western Divisions is a general hospital of 650 beds for the treatment of acute diseases. In a typical year, there were approximately 14,000 admissions, while out-patient consultations for the same period approximated 167,000. The resident and interne staff numbers 80.

The "Montreal General" was founded in 1821 on its present site; two smaller buildings downtown had preceded it in 1816 and 1819. In actual age, therefore, it is not by any means the oldest hospital in Canada, but its record in clinical teaching is easily the longest on the North American continent.

As soon as the Hospital opened, its staff began to arrange for students and, in 1824, they opened the first Medical School in Canada, the Montreal Medical Institution, with 25 students. Their teaching was carried on partly at the Hospital.

It was this School which agreed to form the Medical Faculty of McGill University in 1828. The University at that time had practically no students of any kind, and as it was required by the terms of the McGill bequest that teaching should begin before 1829, on penalty of losing the estate, The Montreal Medical Institution, with its ready-made course, came as a salvation. That was the beginning of the long and intimate association between the Hospital and the University.

The Children's Memorial Hospital has 185 public beds, and, in a typical year, admitted 4,000 patients. The attendance at its out-door department totalled over 40,000 visits. This hospital admits all classes of cases of disease in children except pulmonary tuberculosis and the communicable diseases, and enables students to get a broad concept of pædiatrics.

There were 111 autopsies in a typical year, which represented 84.6% of all deaths.

The number of resident physicians is 40.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles, and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are three wards for the treatment of tuberculosis in children. There are 150 beds (including 50 for tuberculosis) and the average yearly admissions range between 1,500 and 2,000.

There is a resident senior physician and there are three junior physicians.

The Verdun Protestant Hospital has 1,100 beds.

The Royal Edward Laurentian Hospital (Montreal Division), 3674 St. Urbain Street, consists of a large anti-tuberculosis dispensary and a 52-bed hospital unit designed and equipped for thoracic surgery. Its objectives are the study, prevention, and cure of tuberculosis. This Hospital, along with its Laurentian Division (located in Ste. Agathe des Monts) offers students excellent opportunities to obtain instruction in all aspects of chronic pulmonary disease, more particularly pulmonary tuberculosis.

THE MEDICAL LIBRARY

Honorary Librarian R. L. STEHLE

The Library occupies the central front section of the medical building. It contains more than 74,000 bound volumes and an extensive collection of pamphlets, theses, government publications, and other items.

On the third floor are the pleasant, well-lighted reading room capable of accommodating seventy-five readers, and the periodical room, the catalogue, the charging desk, and exhibits of library treasures. The second floor contains the book stacks and three study rooms available to members of the teaching staff. The first floor is devoted to the technical operations of the library—ordering, cataloguing, etc.

The chief value of the Library is in its periodical collection. Relatively little in the way of important journal literature in all languages is not available in it. The book collection contains many rare volumes, some dating back to the sixteenth century. Among the books and journals the ophthalmological section, due in large measure to many gifts from the last Dr. Casey A. Wood, is excellent.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other medical schools, showing proper credentials, and graduate nurses. Graduates living at a distance may borrow books and journals on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during the academic session from 9 a.m. to 6 p.m., and 7:30 to 10 p.m., except

Saturdays, when it is closed at 5 p.m. After June 15th it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

Librarian W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 9,500 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death (Bibliotheca Osleriana, Clarendon Press, Oxford, 1929, xxxvi, 785 pp.).

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 137 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers are kept on file.

ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate, and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the third and fourth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussion. Each year an Honorary President has been elected from this older group.

McGill University

Montreal

Faculty of Dentistry

1950-1951

McGill University



Montreal

Faculty of Dentistry

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

FACULTY OF DENTISTRY

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

D. Prescott Mowry, D.D.S., F.A.C.D., F.D.S.R.C.S. (Eng.)
Dean of the Faculty of Dentistry

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

Miss Anne Ferguson *Executive Secretary to the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Dentistry, is printed as a separate announcement, which may be obtained from the Registrar's Office.

REQUIREMENTS FOR ENTRANCE

The minimum requirement for admission to the dental course is the satisfactory completion of two full years of study in a recognized college or Faculty of Arts and Science (or the equivalent thereof), including courses in the following subjects: Physics, one year with laboratory work; Biology, one year of General Biology or Zoology with laboratory work (half year of Botany and half year of Zoology will be accepted, but not one year of Botany alone); Chemistry, two full courses, including one full course of Organic Chemistry with laboratory work.

Students are advised to take the course "Logic and Scientific Method" which is given as Philosophy 3 in the Faculty of Arts and Science at McGill University, or its equivalent elsewhere.

Courses meeting these requirements are offered in the Faculty of Arts and Science of McGill University, where a student may take the two years of study required, or the second of the two if he has satisfied the requirements of the first by Senior Matriculation, or otherwise.

Particulars of the Junior and Senior Matriculation Examinations are given in the School Certificate Announcement.

Applicants who have met the academic requirements are required to take an Aptitude test before being admitted to the study of Dentistry.

All applicants for admission to the Faculty of Dentistry, resident outside of the Province of Quebec, must take the "Medical College Admission Test" and send the results of this test along with their transcript of academic record.

Application for admission to the Faculty of Dentistry must be made upon the regular application form which may be obtained from the Secretary of the Faculty. As the number of students in each class is limited, application should be made early and in any case not later than March first. Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

PROFESSIONAL PRACTICE

In the case of those who intend to practise in the Province of Quebec it is essential that the candidate should:

(a) take at least the second of the above two years in an English-speaking Canadian University, recognized by McGill University, thus qualifying for eligibility to register with the College of Dental Surgeons of the Province of Quebec in the study of Dentistry.

(b) An applicant for admission to the Faculty of Dentistry, McGill University, who desires to qualify for practice in the Province of Quebec must obtain from the College of Dental Surgeons of the Province of Quebec a Qualifying Certificate before proceeding with the dental course. For information as to licensure communications should be addressed to Dr. Denis Forest, Registrar of the College of Dental Surgeons of the Province of Quebec, 3607 St. Denis Street, Montreal 18, Quebec.

Candidates who have successfully completed the regular course as given in the Faculty of Dentistry, McGill University, may be granted the license without further examinations upon payment of the required fee, provided they are registered with the College of Dental Surgeons of the Province of Quebec.

PROVINCIAL REGISTRATION

Intending students are reminded that a University degree in Dentistry does not in itself confer the right to practise the profession of Dentistry. It is necessary to comply with the dental laws of the country, state, or province in which it is proposed to begin practice. Each province in

Canada at present has special requirements for its license, and in all of them a certain standard of general education is insisted upon before the study of Dentistry may be begun. *Students who intend practising in Canada are advised to register their qualifications in the province in which they intend to practise, before they begin their university course.*

The following is a list of the Registrars of the Dental Boards of the several Canadian provinces. Students are advised to write for information whenever they are in doubt as to the regulations of any province

**Ontario*—Dr. D. W. Gullet, 211 Huron Street, Toronto 5.

**Nova Scotia*—Dr. A. B. Haverstock, Roy Bldg., Halifax.

**New Brunswick*—Dr. S. K. Wetmore, 147 Germain St., Saint John.

**Prince Edward Island*—Dr. Heath McIntyre, Charlottetown.

**Manitoba*—Dr. J. F. Morrison, 403 Medical Arts Building, Winnipeg.

**Alberta*—Dr. R. A. Rooney, 523 Tegler Bldg., Edmonton.

**Saskatchewan*—Dr. L. J. D. Faskin, Regina.

Quebec—Dr. Denis Forest, 3607 St. Denis Street, Montreal 18.

British Columbia—Dr. R. L. Pallen, 533 Medical-Dental Bldg., Vancouver.

Newfoundland—Dr. A. B. Kennedy, Water Street, St. John's.

DOMINION DENTAL COUNCIL OF CANADA

Seven of the ten Canadian provinces (*i.e.*, all but Quebec, British Columbia, and Newfoundland) have entered into an agreement whereby the holder of a certificate granted by the Dominion Dental Council may practise in any of the subscribing provinces. In order to obtain this certificate a candidate must: (1) hold a matriculation certificate of the proper standard; (2) be a graduate of a Dental College within the agreeing Provinces or take the Class D Examination after five years practising in an agreeing Province; (3) pass the examination set by the council, and (4) pay the local and provincial registration fee.

The Secretary of the Dominion Dental Council is Dr. A. J. Brett, Regina, Sask.

REGISTRATION

All students in Dentistry may register at the Registrar's Office either on Friday, September 1st, or on Tuesday, September 5th. Any student registering after the specified date will be required to pay a late fee. No students will be admitted after September 20th.

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*Members of the Dominion Dental Council.

FEES

TUITION FEES

1. Annual undergraduate fee $350.00
   By instalments: Each of two instalments 177.50

REPEATING A YEAR

2. Students repeating a year pay $350.00

PARTIAL STUDENTS

3. Qualified partial students are admitted to one or more courses on payment of special fees. For further particulars consult the Dean's Office.

EQUIPMENT

4. A Dental Cabinet may be rented during the academic year for a fee of $5.00.

5. A Microscope may be rented during the academic year for a fee of $7.50.

INSTRUMENTS

6. In second year—Crown and Bridge Model $30.00
7. In second year—Operative Model rental 10.00
8. In third year—Orthodontic material 20.00
9. In fourth year—Final practical examinations 30.00

STUDENTS' SOCIETY FEES

10. Fees for support of student organizations:

    Regular students and partials taking three or more courses .. $15.00
    Partial students taking less than three courses 5.00
    Partial students, grounds fee 5.00

AD EUNDEM FEE

11. Students entering any year above the first pay a special *ad eundem* fee of $10.00

GENERAL REGULATIONS

12. Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m., on September 6th and 7th; but they may be paid before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2 is charged for payment after the specified dates. All special fees are payable in full with first instalment.

13. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 14.

14. Immediately after the prescribed dates for the payment of fees, the Chief Accountant sends to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans thereupon suspend

them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

NOTE: Special fees are given in the General Information Pamphlet included in the announcement.

INSTRUMENTS

With the exception of extracting instruments, lathes, and vulcanizers, each student is required to furnish his own instruments and appliances for both laboratory and operating room, and is not permitted to enter the Course until he is thus supplied.

The approximate cost of instruments and supplies for the first year, which includes an Anatomical Articulator, an Engine, and a Crown and Bridge Model, is $500.00.

Second year approximate cost	$200.00
Third year approximate cost	100.00
Fourth year approximate cost	75.00

All of these instruments and this equipment will be required for office use when the student enters practice and should be regarded as an investment for that purpose rather than a university expense.

Arrangements have been made with local Dental Supply Houses in order that the student may benefit by a special trade discount.

MEDALS AND PRIZES

The Montreal Dental Club Gold Medal, and a prize in books.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the four years.

The College of Dental Surgeons of the Province of Quebec.—A prize of twenty-five dollars awarded to the student, registered in this Province, obtaining the highest standing in the practical examinations of the final year.

Montreal Endodontia Society.—A book prize, awarded to the student in the final year obtaining the highest mark in the final examination in Endodontia.

Canadian Dental Association War Memorial Scholarship Award.—First Prize $125.00; Second Prize $75.00. To be awarded annually.

The contest is open to all undergraduates of the final year who have been in attendance for at least two years at Canadian Dental Schools. The essay shall consist of from 2,500 to 3,000 words.

Correspondence relative to this Scholarship should be addressed to The Secretary, Canadian Dental Association, 211 Huron St., Toronto.

The Lieutenant-Governor's Silver Medal, and a prize in books.—Awarded to the student in the final year who stands second in the class and whose standing is determined in a manner similar to that followed in the awarding of the Gold Medal.

Third Year Prize in Books.—Awarded to the student obtaining the highest marks in written and practical subjects in the third year examinations.

The following prizes are given by the *Montreal Dental Club:* First, second, and third year prizes—A prize in money awarded to the student obtaining the highest standing in technique subjects: First year "Dental Anatomy"; Second year subject to be chosen each year; Third year "Orthodontic Technique".

The following prizes are given by the *Mount Royal Dental Society:* First, second, and third year Prizes.—A prize in books awarded to the student obtaining the highest standing in the sessional examinations.

First Year—*The Dr. I. K. Lowry Prizes* are awarded to the two students in the first year who obtain the highest marks in Oral Histology and Embryology. These prizes are Medical dictionaries.

SCHOLARSHIPS, BURSARIES, AND LOANS

Details of University and other scholarships and bursaries are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

The University has a small fund from which loans may be made to students of good academic standing. Loans are made only to students in the upper years. Applications for loans should, in the first place, be made to the Dean.

COURSE FOR THE DEGREE OF D.D.S.

Acceleration of course as a war-time measure has been discontinued.

Candidates for the degree of D.D.S. must complete two years of study in a College or Faculty of Arts, with Physics, Inorganic and Organic Chemistry, and Biology as compulsory subjects, before entering upon the four-year course in this Faculty. The curriculum* is as follows:

*It should be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions here laid down.

FIRST YEAR

Anatomy (human)
Dental Anatomy
Histology, Medical and Dental
Physiology
Materials used in Dentistry
Metallurgy
Prosthetic Technique
Crown and Bridge Technique
Operative Technique
Orientation in Dentistry

SECOND YEAR

Crown and Bridge Work
Operative Technique
Orthodontics
Prosthetic Technique
Bacteriology
Biological Chemistry
Pharmacology (general)
General Pathology
Dental History

THIRD YEAR

Crown and Bridge Work
Operative Dentistry
Orthodontics
Prosthetic Dentistry
Dental Radiography
Prosthetic Articulation
Dental Pharmacology and Therapuetics
General Anæsthesia
Oral Surgery and Local Anæsthesia
Oral Pathology
Health and Social Medicine
Dentistry for Children
Dental Jurisprudence

FOURTH YEAR

Orthodontics
Prosthetic Dentistry
Oral Surgery
Crown and Bridge Work
Pedodontics
Endodontia
Oral Diagnosis
Medicine
Periodontia and Oral Hygiene
Practice Management
Dental Ethics

THESIS: Final year students must write a thesis of approximately 3,000 words. The subject will be announced early in September.

EXAMINATIONS

Frequent oral examinations are held to test the progress of the student, and occasional written examinations are given throughout the session.

A minimum of 60 per cent in each subject is required to pass, and 85 per cent for honours.

All examinations in each year must be passed before a student is allowed to advance to the next.

Candidates who fail at the regular examinations in not more than three subjects of the first, second, or third years, may, at the discretion of the Faculty, be allowed to take the supplementary examinations before the beginning of the following session. These examinations are held during the week preceding the regular opening of the session.

Failure in more than three subjects of the first, second, or third years at the regular examination excludes the candidate from advancement.

Students who fail in one subject only of the final year may, at the discretion of the Faculty, be allowed a supplementary examination in that subject. Should the subject be one in which practical or clinical work is required, the student must furnish a certificate of additional clinical attendance or laboratory work before presenting himself for examination.

Applications for supplemental examinations must be in the hands of the Dean at least three days before the date set for the beginning of the examination, and must be accompanied by a fee of $10.00 for each subject.

QUALIFICATIONS FOR THE DEGREE

1. No one is admitted to the degree of Doctor of Dental Surgery who has not attended lectures for a period of four sessions in the Dental Faculty of this University, or partly in this University and partly in some other approved university, college, or school of dentistry.

2. Students of other universities, so approved, who may be admitted on production of certificates to a like standing in this University, are required to pass an oral examination in primary subjects, and all examinations in the final subjects in the same manner as students of this University.

No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

3. Candidates for the final examinations must furnish testimonials of attendance in the branches of dental education mentioned on page 1903; provided, however, that testimonials equivalent to, though not precisely the same as these, may be presented and accepted.

DENTAL INTERNESHIPS

There are three internships in Montreal hospitals. These positions are filled annually on recommendation of the Faculty of Dentistry, selection being made from the graduating class.

COURSES OF LECTURES

GENERAL ANAESTHESIA

Lecturer C. C. STEWART

This course, given in the third year, comprises a short series of lectures on the general principles and the physiology of anæsthesia, with special emphasis laid on the factors of safety and the suitability of the anæsthetic agent employed. An equal amount of time is spent in the main operating theatre where demonstrations are given of the use of all modern methods of general anæsthesia for dental and oral surgery under actual working conditions.

Textbook: A. E. Guedel, Inhalation Anæsthesia (Macmillan).

ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Assistant Professor	D. S. FORSTER
Lecturer	S. S. SMAILL
Lecturer in Dental Histology	ROBERT F. HARVEY
Demonstrator	E. W. WORKMAN

ANATOMY

1A. GROSS ANATOMY

This course covers the first two terms of the year, and is planned so that after making a general survey of the whole body, the dental student concentrates his attention on the head and neck. The course runs concurrently with the course in First Year Medicine (Anatomy 1), and comprises five hours lectures and fifteen hours laboratory work a week during the Autumn and Winter terms.

MICROSCOPIC ANATOMY

1. HISTOLOGY AND EMBRYOLOGY

This course coincides for the main part with the Medical Microscopic Anatomy Course 5 but the reproductive organs are excluded and special lectures on dental histology and the embryology of the mouth are included.

The course finishes at the end of the Winter term.

Laboratory Manual: Grant, A Method of Anatomy.

Anatomy Textbook: Gray, Anatomy, or Cunningham, Text-book of Anatomy.

Histology Textbook: Bailey, Text-book of Histology, or Maximow and Bloom, Histology.

DENTAL ANATOMY

Lecturer — T. I. GUILBOARD

Demonstrator — DAVID T. SHIZGAL

This course is given to dental students of the first year. It consists of 28 lectures of one hour, and 56 laboratory periods of two hours each.

The lecture course covers:

1. Introductory lectures on the development of the maxillary bones, development of teeth, nomenclature of the different constituents of teeth and surrounding tissues.

2. The anatomy of each individual tooth, deciduous and permanent.

3. Arrangement of teeth and occlusion.

4. Development of the maxillary apparatus from reptiles to man.

These lectures are accomplished with the aid of drawings, X rays, models and slides, and specimens.

The laboratory course includes the drawing of each tooth. A carving is made of each tooth natural size. These are then articulated anatomically. Sections of extracted teeth are made to familiarize the student with the relationship of the constituents of the teeth at various ages.

Textbooks: G. V. Black, 2 Vols. (Medico-Dental Co., Chicago); C. N. Johnson (Blakiston); M. E. Jordan, Dental Items of Interest; W. H. O. McGehee, Text-book of Operative Dentistry (Blakiston).

Reference for Periodontia: Stilman and McCall, Clinical Periodontia (Macmillan, New York).

BACTERIOLOGY

Professor — E. G. D. MURRAY, *Chairman*

Associate Professors — J. W. STEVENSON, D. S. FLEMING

Assistant Professors — G. G. KALZ, C. D. KELLY

Lecturers — J. A. DEVRIES, C. R. MCLEAN, A. M. MASSON, F. H. PRISSICK

Demonstrator — J. J. STOCK

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

ELEMENTARY DENTAL BACTERIOLOGY AND IMMUNITY

30 lectures and 60 hours practical work.—Available to students of Dentistry on the completion of their studies in Anatomy, Physiology, Histology, and Biological Chemistry.

A choice of the following books is recommended:

T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); Jordan and Burrows, Textbook of Bacteriology (Saunders); Fairbrother, A Textbook of Medical Bacteriology (William Heinemann Ltd., London) or others listed in the Announcements of the Faculties of Arts and Science and Medicine.

BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman*
	J. H. QUASTEL
Associate Professors	O. F. DENSTEDT
	R. D. H. HEARD
Assistant Professor	K. A. C. ELLIOTT

This work is taken with the Medical students.

1. BIOCHEMISTRY—LECTURE COURSE

Textbooks: Bodansky, Introduction to Physiological Chemistry (Wiley); Cameron, A Text book of Biochemistry (Macmillan); Williams, Text-book of Biochemistry (Van Nostrand); Mitchell, Text-book of Biochemistry (McGraw-Hill).

Two hours.

2. BIOCHEMISTRY—LABORATORY COURSE

A synopsis of the course is issued by the Department.

Six hours a week: October to February.

OPERATIVE DENTISTRY

Professor	D. P. MOWRY
Professor of Clinical Dentistry	W. G. LEAHY
Assistant Professor	DONALD C. GORDON
Assistant Professor of Periodontia	W. F. WALFORD
Lecturer in Periodontia	P. J. GITNIK
Demonstrator in Periodontia	R. F. HARVEY
Lecturer in Pedodontics	CAMERON T. WALSH
Lecturer in Dental Anatomy	T. I. GUILBOARD
Demonstrator in Dental Anatomy	DAVID T. SHIZGAL

Demonstrators in Operative Dentistry

A. W. Adams	George M. Dundass
J. W. Abraham	F. A. Edwards
C. Asselin	G. K. Hale
W. H. Boyles	R. T. Murray
F. L. Burns	C. R. Seller
E. S. Dorion	J. E. Van Vliet

The purpose of this course is to instruct and train the student in the treatment of all diseases of and injuries to the hard tissues of the teeth. Especial attention will be given to children's dentistry with the aim that operative procedures will have for their object the inhibition of pathologic process and the restoration of the anatomy of the tooth in relation to function.

Lectures on theory and practical experience at the Dental Clinic will stress the co-ordination of Dental Hygiene, Orthodontics, Operative Dentistry, Periodontia, Endodontia, and Prosthetic Dentistry to the end that the student will graduate with knowledge and ability to treat patients at all ages and conditions of life.

Textbooks: G. V. Black, 2 Vols. (Medico-Dental Co., Chicago); O. McGehee (Blakiston); McBride, Juvenile Dentistry (Blakiston).

PERIODONTICS

Arrangements are made for co-ordination of the theoretical study, practical instruction, and clinical practice in the treatment of pathological conditions to be found in the periodontal tissues. The physiological and histological structure in relation to function is made a basis for the study and treatment of the periodontal tissues.

Textbooks: Orban, Dental Histology and Embryology; Kronfeld, Histopathology of the Teeth and Their Surrounding Structures. S. C. Miller (1938 edition); Gottlieb, Biology and Pathology of the Tooth and its Supporting Mechanism (1939); G. V. Black and M. Diamond.

PROSTHETIC DENTISTRY

Professor	W. C. Bushell
Associate Professor	James McCutcheon
Assistant Professors	R. E. Dagg
	P. R. Marchand
Lecturers	A. F. Cameron
	D. W. Henry
	W. G. Stockwell

Demonstrators

J. M. Chamard
C. H. Dundass
J. Fineberg
F. O. Frederick
W. J. W. Hodgins
M. W. Marston
H. L. Mussels
P. A. Ostapovitch
A. E. Pye
M. A. Rogers
I. M. Sloane
Bruce D. Ward

This course covers the teaching of mouth reconstruction in its fullest sense. It includes the examination, diagnosis, and treatment of cases, the preparation of the mouth and teeth, impressions, the technique of constructing various types of crowns, fixed and removable partial dentures, full dentures, and the construction of appliances for the treatment of cleft palate cases.

For convenience in teaching, the course is divided into four parts, namely: Full Dentures, Removable Partial Dentures, Fixed Partial Dentures, Ceramics. The course extends throughout the four years. During the first two years students are given a thorough training in the various teachniques on models, etc. The final two years are clinical years and are devoted to lectures at the University and pracitcal work at the Montreal General Hospital. During these years students are required to complete a certain number of the various restorations in the mouths of patients under the supervision of demonstrators.

Textbooks: Edward Kennedy, Partial Dentures (Dental Items of Interest); F. G. Neurohr, Partial Dentures (Lea and Febiger); Schlosse, Complete Denture Prosthesis (Saunders); Gillet and Irving, Inlays by the Indirect System (Dental Items of Interest); Schwartz, Cavity Preparation (Dental Items of Interest); Le Gro, Ceramics in Dentistry (Dental Items of Interest); Felcher, Art of Porcelain in Dentistry; Stanley D. Tylman, Crown and Bridge Prosthesis.

ORAL DIAGNOSIS

Associate Professor — A. Gerald Racey
Lecturer — John McCarthy
Demonstrators — W. Hayden Bryant
E. Victor Potter

This course is given in the final year.

It includes a consideration of the signs and symptoms of diseases of the hard structures of the teeth, the dental pulp, the peridental membrane, and periapical tissues by means of roentgenographic examination and clinical diagnosis tests. A study is also made of the signs and symptoms of

disorders of the oral mucous membrane. Treatment planning in conjunction with the other dental teaching departments is given careful consideration.

The course extends over the entire year and is composed of lectures and practical instruction.

Textbooks: Thoma, Oral Diagnosis and Treatment Planning (Saunders); Ziskin, Differential Diagnosis of Mouth Diseases (Kings Crown Press Division of Columbia University Press, New York).

ENDODONTIA

Assistant Professor	WILFRED J. JOHNSTON
Lecturer in Medicine	G. W. HALPENNY
Lecturers in Dentistry	A. D. RICHARDSON
	L. J. ROSEN

A course in root canal therapy correlated with the teachings of the Departments of Bacteriology, Pathology, Histology, and Dental Anatomy.

Two weeks in the senior year are devoted to a concentrated course of Theory and Clinical Practise of Endodontia. The basic principles of opening, cleansing, and filling root canals are dealt with in lectures and demonstrations. During this period each student is required to carry out the diagnosis, bacteriological examination, and treatment of the clinical cases that are provided. Where necessary, root resections and bleachings are performed. Throughout the senior year there is a weekly endodontia clinic to aid the students with those cases that they encounter during their general clinical work.

Textbook: L. I. Grossman, Root Canal Therapy.

HEALTH AND SOCIAL MEDICINE

Professor	R. PERCY VIVIAN, *Chairman*

A special course of eight lectures on the relation of Dentistry to Public Health and Preventive Medicine.

ORAL HISTOLOGY AND EMBRYOLOGY

Lecturer	ROBERT F. HARVEY
Demonstrator	GEORGE D. ARMSTRONG

This course follows Histology 1. The didactic portion traces the development of the teeth and supporting structures. Following this, there is

the study of the adult oral tissues throughout their life cycle, and their relationship to the various fields in Dentistry.

The laboratory portion of the course is devoted to microscopic study of prepared ground and decalcified sections of oral tissues. Demonstrations of dissections of embryonic and fœtal material are made.

Texts: Orban, Oral Histology and Embryology.
Reference Books: Noyes, Schour, and Noyes, Dental Histology and Embryology.

DENTAL HISTORY AND ETHICS

Lecturer in History and in Ethics J. KENNETH CARVER

HISTORY

This course is intended to give the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

ETHICS

Under this heading the moral, social, and business relationships between the dentist and his patient will be discussed, as well as his duty to the public, his fellow practitioner, and himself.

DENTAL JURISPRUDENCE

Lecturer W. AUSTIN JOHNSON

A discussion of the laws governing the practice of Dentistry, their necessity, and their purpose.

The responsibility of the dentist under the laws of the Province, his position as defendant in suits for damages and as plaintiff in suits for fees are fully explained.

MEDICINE (Including General Medicine, Nutrition, Dermatology, Allergic Diseases, and Paediatrics)

Professor of Medicine J. S. L. BROWNE, *Chairman*
Associate Professor of Pædiatrics S. GRAHAM ROSS
Associate Professor of Medicine JOSEPH KAUFMAN
Clinical Professor of Dermatology L. P. EREAUX
Lecturer J. M. EARLE
Sessional Demonstrator in Medicine CAMERON STEWART

This course is designed to give the dental student a general insight into medical conditions which are influenced, either directly or indirectly, by dental problems, as well as general diseases and other pathological processes which influence dentition and the condition of the teeth and gums.

The course consists of twenty-six lectures. It is not intended to give the dental student the impression that he is getting a complete course in Medicine but rather to impress upon him when and how he can be of assistance to the individual in regard to general medical problems and, where the latter also require his aid, in solving many problems.

Particular attention is paid to:

(1) Infectious and systemic diseases which may affect the mouth, have manifestations in the mouth, or where the condition of the mouth is important in the general course of the disease;

(2) The importance of diet and nutrition upon the general welfare of man, including food requirements, chemistry of nutrition, calorimetry, metabolism, the ductless glands and their influence on nutrition, etc.;

(3) The local manifestations of diseases of the skin as seen in the mouth and mucous membrances;

(4) The importance of proper dentition in the child, with particular emphasis being placed upon vitamins and congenital deficiencies.

METALLURGY

Associate Professor (Post-retirement) GORDON ST. GEORGE SPROULE

Assistant Professor JOHN P. OGILVIE

This course is given to Dental students of the second year by the Metallurgical Department of the University.

It consists of fifteen lectures of one hour, and twelve laboratory periods of two and a half hours, each.

The lecture course covers:

(1) Introductory lectures on the physical and chemical properties of metals, especially in relation to their use in dentistry.

(2) Methods of melting, casting, and alloying metals in the laboratory.

(3) Methods of extracting metals from their ores.

(4) The nature and preparation of alloys, including amalgams.

(5) The metals used in dentistry (lead, zinc, tin, bismuth, cadmium, antimony, aluminum, copper, silver, gold, platinum, iridium, mercury, iron, and steel) are considered separately in regard to their properties, uses in dentistry, and, as far as time allows, extraction from their ores. The separation, purification, and alloying of gold, silver, and platinum are specially considered.

(6) The manufacture, properties, and uses of dental amalgams.

Textbook: E. W. Skinner, The Science of Dental Materials.

The laboratory course includes experimental work with the metals: gold silver, copper, lead, zinc, tin, aluminum, nickel, iron, and steel.

The metals are melted, alloyed, cast, hammered, filed, cut, rolled, annealed, and tested with acids and other chemicals.

The preparation of pure gold and silver is carried out and the production and testing of dental and other amalgams.

The course is given during the first term of each session by Professors Sproule and Ogilvie.

ORTHODONTICS

Professor	GERALD FRANKLIN
Assistant Professor	M. L. DONIGAN
Demonstrator	ALBERT J. COLLE

This course is designed to give the student a knowledge of normal occlusion and of the basic principles underlying the development of malocclusion, its prevention and treatment. It includes lectures, training in technics, and clinical treatment of patients. Emphasis is placed on orthodontics as an integral part of dentistry and its relation to other branches of general practice. The practical training serves to develop digital skill and to give the student some experience in movement of teeth.

The course extends over the second, third, and fourth years. Its study commences in the first year with the basic sciences including histology and embryology which cover the development, growth, and eruption of the teeth.

SECOND YEAR

The course in this year is devoted to technics. Exercises in wire bending, in freehand soldering, and in manipulation of plaster of Paris are carried out. In addition, each student is required to take upper and lower impressions in plaster of a fellow student and to trim the casts according to standard technique.

THIRD YEAR

In this year the course includes appliance technique and lectures. Alginate impressions are taken and casts trimmed. Advanced exercises in freehand soldering are completed. This is followed by construction of bands with attachments, labial appliance, space maintainer, and inclined plane on typodonts. The lectures cover terminology, normal occlusion and its development, and classification of malocclusion. They serve as the basis for the more advanced didactic course in the fourth year.

FOURTH YEAR

In the final year a full course of lectures is given and the treatment of patients carried out by the students.

The lectures cover growth and development, etiology, diagnosis, principles of treatment, and prevention and interception of malocclusion. Pertinent histology and physiology of bone is reviewed with special emphasis on tissue changes incident to tooth movement. The relationship of orthodontics to the practice of general dentistry and children's dentistry is continually indicated.

In the orthodontic clinic patients with simpler malocclusions are assigned to the students. Appliances are designed by the staff and constructed of precious metals by the student who then carries out the treatment under strict supervision. In addition to being responsible for the patient assigned to him, each student is required to observe all the cases being treated in the clinic.

Textbooks: Dewey-Anderson, Practical Orthodontics, 7th edition (C. V. Mosby); Salzmann, Principles of Orthodontics (J. B. Lippincott); Brash, Aetiology of Irregularity and Malocclusion of the Teeth; Angle, Malocclusion of the Teeth; McCoy, Applied Orthodontics (Lea & Febiger).

PATHOLOGY

Professor	G. LYMAN DUFF, *Chairman*
Associate Professor	R. H. MORE
Lecturer	M. B. MACKENZIE
Demonstrator	R. M. WEINER

1. COURSE IN GENERAL PATHOLOGY

A. Two lectures per week (with epidiascopic and microscopic demonstrations) during the Winter and Spring terms. (52 lectures.)

Dr. Mackenzie

B. Two practical laboratory classes per week during the Spring term. (80 hours practical work.) *Dr. Mackenzie and Demonstrators*

Textbooks: Boyd, Text-book of Pathology (Lee & Febiger); MacCallum, A Text-book of Pathology (Saunders).

Reference Books: Anderson, Pathology (Mosby); Boyd, Pathology of Internal Diseases (Lea & Febiger); Boyd, Surgical Pathology (Saunders); Ewing, Neoplastic Diseases (Saunders); Forbus, Reaction to Injury (Williams & Wilkins); Willis, Pathology of Tumors, (London, Butterworth).

ORAL PATHOLOGY

Associate Professor	A. GERALD RACEY
Demonstrator	RALPH S. EDMISON

This course in Pathology is given in the third year.

It includes a study of the developmental defects and malformations of the teeth. Special consideration is given to the study of the etiology, diagnosis, and pathology of dental caries; diseases of the dental pulp; periapical diseases; periodontal diseases; odontogenic cysts; and tumors which commonly occur in the oral cavity.

A study is also made of the oral manifestations of certain of the infective granulomata, as well as vitamin deficiencies and endocrine disturbances.

In the laboratory, microscopic slides of many of these conditions are studied.

The course extends over the entire session, one hour per week during the first half year, and two hours per week during the second half.

Textbooks: Thoma, Oral Diagnosis and Treatment Planning; Kronfeld, Histopathology of the Teeth and Their Surrounding Structures; Thoma, Clinical Pathology of the Jaws; Bunting, Oral Pathology.

PEDODONTICS

Lecturer	CAMERON T. WALSH
Demonstrators	MARCEL HÉBERT
	GORDON H. MCKINNEY

A course introducing child management, treatment planning, and operative procedures, presented to the third year. Clinical instruction is conducted throughout the fourth year.

PHARMACOLOGY

Professor	R. L. STEHLE, *Chairman*
Associate Professor	K. I. MELVILLE
Lecturer	I. T. BECK

A course of ten lectures concerned with those phases of pharmacology which are of importance in dentistry, supplemented by five laboratory periods.

Textbooks: Cushny, Sollman, or any other standard text

DENTAL PHARMACOLOGY AND THERAPEUTICS

Assistant Professor	WILFRED J. JOHNSTON

A course for third year students intended to provide a study of those drugs not covered in the General Pharmacology course and which are of particular interest in the treatment of pathological conditions of the oral cavity.

Textbooks: Prinz, Rickert and Dobbs, Dental Materia Medica and Therapeutics, Accepted Dental Remedies. Also McGelee and Green, Pharmacology and Pharmaco-therapeutics for Dentists.

PHYSIOLOGY

Joseph Morley Drake Professor
F. C. MacIntosh, *Chairman*

Professor
A. S. V. Burgen

Associate Professors
B. Delisle Burns
Norris Giblin

Assistant Professors
Simon Dworkin
Kathleen G. Terroux

The purpose of this course is to give the student an elementary knowledge of the whole subject of physiology with a more special knowledge of such aspects as bear particularly on the practice of dentistry.

The course consists of three lectures a week from October to May, and six laboratory periods of three hours each.

OFFICE PROCEDURE AND BUSINESS MANAGEMENT

Lecturer Johnston W. Abraham

This course consists of fifteen lectures given in the fourth year. The purpose is to enable the undergraduate to understand the problems encountered in the conduct of a successful dental practice. The lectures consider the dentist's personal preparation (mental, moral, and physical); his relation and obligation to the patient, to the public, and to the community; and finally, office location, office management, and records. Advice is offered on dental fee questions, accumulation of a competence, insurance, and investments.

Textbook: J. L. Blass, Successful Dental Practice.

DENTAL RADIOLOGY

Lecturer N. M. Brown

During the third year the course is commenced, so that students, on entering the final year, may be equipped to supply and improve their knowledge of the use and application of Roentgen rays in the study of pathological changes, and in treatment. This course includes lectures on Roentgen rays in dental practice, as well as lantern slide instruction. Practical demonstrations in radiographic and dark room technique is carried out at the Clinic during the third and fourth years, when constant assistance is available.

ORAL SURGERY

Associate Professor	JOHN W. GERRIE
Associate Professor of Oral Pathology	A. GERALD RACEY
Assistant Professor in Charge of Exodontia	ROGER E. MCMAHON
Assistant Professors of Surgery	CAMPBELL GARDNER S. J. MARTIN
Assistant Professor of Medicine	S. R. TOWNSEND
Lecturer in Exodontia	JOHN MCCARTHY
Demonstrator in Surgery	W. MASON COUPER
Demonstrators	G. M. DUNDASS LOUIS EPSTEIN D. H. MUHLSTOCK BRUCE D. WARD ROBERT M. WEINER

The course, given during the junior and final years, is designed to make the student proficient in the arts of local anæsthesia and exodontia and to familiarize him with the principles of general surgery and the details of oral surgery including malignant disease.

Although work in the department is largely clinical, forty-five lectures are given to provide a didactic groundwork. The Dental Clinic, established in the Montreal General Hospital almost 30 years ago, treats over twenty thousand patients yearly and also supplies the necessary dental treatment for patients resident in the hospital. The patients in the medical and surgical services, both indoor and out-patients, are available for teaching. In addition students attend in groups at the Tumour Clinic where a large series of malignant conditions is demonstrated. Clinical lectures are given in the operating theatres, and ward rounds are conducted in the wards where mouth conditions of interest to dental students are shown.

The larger part of the lecture work is given before Christmas in the junior year after which the student is introduced to the Exodontia Clinic at the Hospital. Here he is given demonstrations and is required to follow the exodontia practice of the senior students.

The senior year is primarily clinical when the didactic work of the third year is enlarged upon. Students practice in the exodontia clinic daily under the direction of members of the staff and are assisted after Christmas by a junior student. The class attends Oral Surgery Clinics

and ward rounds once a week when histories are taken and patients examined. Oral Surgery clinics are held twice weekly at which the more advanced mouth procedures are carried out. Attendance at these is not compulsory but interesting cases are demonstrated.

Text and Reference Books: Ivy and Curtis, Essentials of Oral Surgery; Berger, Principles and Technique of the Removal of Teeth; Ivy and Curtis, Fractures of the Jaws; Winter, Operative Oral Surgery; Parker, Traumatic Injuries of the Face and Jaws; Padgett, Surgical Diseases of the Mouth and Jaws; Thoma, Traumatic Surgery of the Jaws; Thoma, Oral Pathology; Burket, Oral Medicine; Fry, Shepherd, McLeod and Parfitt, Dental Treatment of Maxillo-Facial Injuries.

CLINIC

Students are required to attend the clinic every day during the third and fourth years from nine to twelve o'clock and from one-thirty to five o'clock, except during such part of the time as may be taken up with lectures or other work of the University course. The practical dental work is supervised by the Director of the clinic and his associates. Anæsthetics are administered by members of the resident staff of the Hospital, who give practical instruction in this most important branch. A nurse is also in attendance during clinic hours. Following final examinations in May to end of June students entering third and fourth years must spend this time doing clinical dentistry at the Dental Clinic in the Montreal General Hospital.

LIBRARY

In conjunction with the Medical Library, which contains all the standard textbooks in the branches of the first two years in Dentistry, there is a section dealing exclusively with dental subjects. During the session, students may consult any work of reference in the Library between 9 a.m. and 9 p.m., Saturdays, 9 a.m. to 5 p.m.

MUSEUM

In connection with the Pathological Museum of the Medical Faculty there is a very good collection of plaster casts of deformities of the jaw, etc., and also a very large collection of teeth of all varieties.

McGill University

Montreal

Faculty of Law

Chancellor Day Hall

1950-1951

McGill University



Montreal

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1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

FACULTY OF LAW

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.) D. de l'U (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

A. Sydney Bruneau, K.C., B.A., B.C.L. *Dean of the Faculty of Law*

Maxwell Cohen, B.A., LL.B. (Man.), LL.M. (Northwestern)
Secretary of the Faculty of Law

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

A complete list of the teaching staff of the University, including the Faculty of Law, is printed as a separate announcement which may be obtained from the Registrar's Office.

FACULTY OF LAW OFFICE

CHANCELLOR DAY HALL
3544 Peel Street
Montreal 2
Telephone — MA 9181

GENERAL INFORMATION

COURSE OF STUDY

The Faculty offers a three year course leading to the degree of B.C.L. Students intending to practise law in Quebec must take an additional year of practical training and pass further examinations set by the Bar and the University. The course provides a liberal education in legal principles and theory, and prepares students not only for the legal and notarial professions, but for public service and business. In the field of private law, the curriculum is based on the Civil and Roman systems, from which the Quebec Civil Code is derived; in the field of public law, stress is laid on Constitutional, International and Administrative law, and on the new institutions and procedures resulting from the increased role of government in the modern state.

ADMISSION

Students who have successfully completed two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty of Law without further examination. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard, and are intellectually qualified to pursue with advantage the study of law.

Students whose right to enter the third year of the Arts and Science Faculty is conditional upon their passing supplemental examinations are not eligible for admission to the Faculty of Law.

Women are admitted to the Faculty on the same terms as men, and are eligible for the degree. As the law stands at present, however, they can be admitted to the legal but not to the notarial profession in the Province of Quebec.

The Faculty may admit a limited number of suitable persons to attend selected courses of lectures without matriculation in the University. Such permission will only be granted to applicants who satisfy the Faculty of their capacity to undertake with advantage the study of law. They will not be allowed to proceed to a degree, but will be entitled to receive a certificate specifying the course of study which they have successfully pursued and the class which they have obtained in the examination.

Candidates for admission are required to interview the Dean or the Secretary of the Faculty and to obtain permission to register.

Students intending to practise as lawyers or notaries in the Province of Quebec are referred to the information on page 2012 regarding admission to the legal professions.

FRENCH

The attention of students is directed to the necessity of being able to read French easily, as many of the works to which they will be referred are in that language.

REGISTRATION

All students must register in person at the office of the University Registrar on Wednesday, September 27th, or Thursday, September 28th.

Students registering later than the prescribed dates will be required to pay a late registration fee of $5 during the first week of the session and $10 during the second. This will not be refunded, except by special permission of the Faculty.

Students must bring with them at the time of registration the evidence necessary to show that they are entitled to admission into the Faculty, if this has not already been furnished.

FEES

The regular fees and special fees are given in the General Information Pamphlet included with this Announcement.

DATES FOR PAYMENT

Fees are due and payable at the Accounting Office on Wednesday, September 27th, and Thursday, September 28th, but they may be paid before these dates. The second instalment is due and payable on February 1st. An additional $2 is charged for payment after the specified dates. An instalment fee of $5 is charge when fees are paid in two instalments.

Students registering late must pay their fees when they register, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees a list of the registered students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students are not readmitted to any class until advice has been received from the Chief Accountant that the fees have been paid.

PRIZES, SCHOLARSHIPS, AND MEDALS

The *Elizabeth Torrance Gold Medal*, founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the Final Examination.

The *Montreal Bar Association* offers a prize of $50 to the student who obtains the highest standing in Civil Law, and the Junior Bar Association a prize of $15 to the student who obtains the best marks in Civil Procedure in the Final Year.

The *Alexander Morris Exhibition*, of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second Year.

The *Robert Alfred Ernest Greenshields Prize in Criminal Law*, founded in 1943 by Mrs. Greenshields in memory of her husband, the late Chief Justice Greenshields, D.C.L., LL.D., for many years Professor of Criminal Law and Dean of the Law Faculty. The prize will be awarded to the member of the graduating class having the highest standing in Criminal Law throughout the college course.

The *Adolphe Mailhiot Prize*, established by Mr. and Mrs. J. N. Mailhiot of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty, usually, but not necessarily, in the graduating class.

The *Macdonald Travelling Scholarship* was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,000. The scholar elected is required to pursue a year's study in the Law Faculty of a French University approved, in each case, by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class, not being a notarial student, who has obtained first or second class honours in the Final Examination, and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the Scholarship be awarded only to students preparing for practice as advocates in the Province of Quebec.

The *Edwin Botsford Busteed Scholarship* was founded by the will of the late Mrs. Edwin Botsford Busteed in memory of her husband, Edwin Botsford Busteed, K.C., B.A., B.C.L., and will be awarded to a student, chosen by the Faculty, in the graduating year who desires to carry out research after graduation on some subject connected with the law of Quebec and approved by the Faculty. The value of the scholarship is approximately $240, which will be paid to the scholar when his thesis has been accepted by the Faculty.

The *Thomas Alexander Rowat Scholarship* was founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is approximately $75. It is awarded in alternate years for proficiency in the French language and in the old French law. The next award of this scholarship will be in the session 1950-51.

The *Charles Albert Nutting Prize* was founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from this Faculty in 1872. The value of the prize is approximately $40. It is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

The *Carswell Company Prizes*, consisting of two sets of books valued at $30 each, are awarded to First or Second Year students at the discretion of the Faculty. These prizes were established in 1948 by the Carswell Company of Toronto.

Students in the Faculty are eligible for *University Scholarships*. For particulars see the Scholarships Announcement.

No medals, prizes, or scholarships will be awarded, if in the opinion of the Faculty there is no candidate of sufficient merit.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

DEGREES

B.C.L.

The degree granted in the Faculty is that of Bachelor of Civil Law. The course covers three years.

M.C.L.

The degree of Master of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research for advanced study in legal subjects. The candidate must have the degree of B.C.L. from McGill or its equivalent, and must have obtained at least second class honours in the subject which he proposes to study and in the course as a whole. He must spend at least one year in resident study and present a thesis on some topic connected with his subject. The complete regulations governing this degree are given in the Announcement of the Faculty of Graduate Studies and Research.

D.C.L.

The degree of Doctor of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research. The regulations governing this degree are given in the Announcement of that Faculty

LIBRARY

The Law Library of the University at present contains over 30,000 volumes, and is located in Chancellor Day Hall. The principal law reports of Canada, the United Kingdom, and France are included, as well as selection of reports from the United States and elsewhere.

There is a small lending library, from which students can obtain text-books for the session on payment of an *ad valorem* fee. Fines are assessed for books overdue.

The general Redpath Library of the University is also available for the use of Law students.

XAMINATIONS

*Examinations will be held:

(a) At the end of the first year, covering the year's work, the final examinations in Roman Law being held at this time.

(b) At the end of the second year, covering the second year's work, the final examinations in Constitutional Law and Criminal Law and Procedure being held at this time.

(c) At the end of the course, on the work of the three years, except Roman Law, Constitutional Law, and Criminal Law. The results obtained in the final examinations in these subjects are included in the third year total.

Special tests may be required by the Faculty at any time.

At all examinations in the Faculty students are at liberty to write their answers either in English or in French.

CLASSIFICATION OF MARKS

Class I	80–100%
Class II	70– 79%
Class III	50– 69%

In order to pass a student must have an average of 60%.

*These requirements are subject to alteration by the Faculty, of which notice will be given.

SUPPLEMENTAL EXAMINATIONS

(a) Students are not, in principle, allowed the privilege of writing supplemental examinations except in the case of illness and other analogous cases.

(b) All applications for supplemental examinations must be made to the Dean in writing and must reach his office before September 1st.

(c) The prescribed fees must accompany the written application and are payable to McGill University. Fees for supplemental examinations will be ten dollars for each paper, with a maximum charge of fifty dollars. If the third year essay is not accepted, in addition to the foregoing, a charge of ten dollars for reading the revised essay will be made.

(d) Students are not, in principle, allowed to repeat a year more than once and any permission to enrol for a third time in the same year is a matter entirely at the discretion of the Faculty.

GRADUATING ESSAY

In addition to passing examinations students must submit, not later than the 10th of January of their graduating year, a thesis of not less than ten thousand words on a subject set by the Faculty. Although no marks are assigned to the thesis, no degree will be granted unless it is adjudged satisfactory. It will be taken into account in awarding honours and prizes of a general nature, such as the Elizabeth Torrance Gold Medal and the Macdonald Travelling Scholarship, and in deciding upon doubtful cases.

CURRICULUM*

FIRST YEAR

ROMAN LAW

Three hours throughout the session. *Dr. J. G. Gazdik*

CIVIL LAW

(a) Persons and Property.
Two hours throughout the session. *Professor C. S. Le Mesurier*

(b) Obligations.
Three hours throughout the session. *Professor Louis Baudouin*

CRIMINAL LAW

Two hours throughout the session. *Professor C. S. Le Mesurier*

LEGAL HISTORY

One hour throughout the session. *Professor Louis Baudouin*

CONSTITUTIONAL LAW

One hour throughout the session. *Professor F. R. Scott*

INTRODUCTION TO LAW AND JURISPRUDENCE

Two hours, first term.
One hour, second term. *Professor Maxwell Cohen*

SECOND YEAR

CIVIL LAW

(a) Sale, Lease and Hire, Mandate, Partnership, and Minor Contracts.
Three hours, first term. *Professor Louis Baudouin*

(b) Marriage Covenants, Successions, Gifts, Wills, Substitutions, and Trusts.
Three hours, second term. *Professor Louis Baudouin*

(c) Privileges, Hypothecs, Registration, and Prescription.
Two hours, first term.
One hour, second term. *Professor C. S. Le Mesurier*

CIVIL PROCEDURE

Two hours, first term. *Mr. A. M. Watt*
Two hours, second term. *Mr. J. P. Anglin*

*This curriculum may be revised to meet new Bar requirements.

CONSTITUTIONAL LAW

Two hours throughout the session. *Professor F. R. Scott*

CRIMINAL PROCEDURE AND EVIDENCE

Two hours, one term.
One hour, the other term. *Mr. John Crankshaw*

INSURANCE LAW

Introduction to the Study of Commercial Law and Insurance.
One hour throughout the session. *Mr. J. L. O'Brien*

COMMERCIAL LAW

One hour throughout the session. *Mr. A. M. Minnion*

THIRD YEAR

COMMERCIAL AND MARITIME LAW

(a) Company Law and Bankruptcy.
One hour throughout the session. *Professor A. S. Bruneau*

(b) Negotiable Instruments.
Two hours, first term. *Professor Maxwell Cohen*

(c) Maritime Law and Carriers.
One hour, second term. *Professor Maxwell Cohen*

CIVIL PROCEDURE AND EVIDENCE

Two hours, first term. *Mr. J. P. Anglin*
Two hours, second term. *Mr. A. M. Watt*

EVIDENCE IN CIVIL MATTERS

One hour, one term. *Mr. George R. W. Owen*

CONFLICT OF LAWS

One hour throughout the session. *Professor C. S. Le Mesurier*

INDUSTRIAL LAW

One hour throughout the session. *Professor F. R. Scott*

TAXATION LAW

One hour throughout the session. *Mr. Claude Richardson*

INTERNATIONAL LAW

Two hours throughout the session. *Professor Maxwell Cohen*

ADMINISTRATIVE LAW

Two hours throughout the session. *Professor F. R. Scott*

FOURTH YEAR

Although students who are not entering professional practice may be granted the degree of B.C.L. at the end of their third year, those who are candidates for admission to the Bar are now required to take a fourth year of work. This will first be offered in the session 1951-52, when the detailed subject-matter will be announced.

ADMISSION TO THE LEGAL PROFESSION IN QUEBEC

Candidates proceeding to the Quebec Bar must be British subjects, hold the degree of B.A. from a Canadian or British university, and satisfy the Bar Examiners that they have successfully completed "the regular course in philosophy" in an approved university. The philosophy course may, with permission from the Faculty, be taken concurrently with the law course.

Candidates for admission to the Notarial profession must also be British subjects and hold the degree of B.A., B.Litt., or B.Sc. from a Canadian, English, or French university.

Further information regarding admission to the Bar can be obtained by applying to Mr. Charles Coderre, K.C., Room 713, Montreal Tramways Building, 159 Craig Street West, Montreal, or by consulting the Bar Act, 1941, R.S.Q. chap. 262 (as amended). Information regarding admission to the Notarial profession can be obtained by applying to Mr. Arthur Courtois, Room 320, New Court House, Montreal, or by consulting the Notarial Code, 1941, R.S.Q., chap. 263 (as amended).

McGill University



Montreal

Faculty of Music

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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McGill University

VISITOR

His Excellency the Governor-General of Canada

CHANCELLOR

The Hon. Associate Chief Justice Orville Sievwright Tyndale, B.C.L., M.A., D.C.L., LL.D.

PRINCIPAL AND VICE-CHANCELLOR

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur

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DEAN OF THE FACULTY OF MUSIC AND DIRECTOR OF THE CONSERVATORIUM

Douglas Clarke, M.A., Mus.B., F.R.C.M., F.R.C.O.

COMPTROLLER AND EXECUTIVE ASSISTANT TO THE PRINCIPAL

S. H. Dobell, D.S.O.

BURSAR

William Bentley, C.G.A.

REGISTRAR

T. H. Matthews, M.A.

CHIEF ACCOUNTANT

G. A. Grimson, B.Com.

SECRETARY OF THE FACULTY AND CONSERVATORIUM OF MUSIC

Office—3450 Drummond St., Montreal 25

All communications should be sent to the Secretary of the Conservatorium, at the above address.

TEACHING STAFF OF THE CONSERVATORIUM

DIRECTOR: — MR. DOUGLAS CLARKE, M.A., Mus.B., F.R.C.M., F.R.C.O.

PIANOFORTE

MR. BERNARD SYMONS, A.R.A.M.
MR. HELMUT BLUME
MR. SÉVÉRIN MOISSE
MR. KENNETH MEEK, L.Mus., Mus.B.
MR. J. B. SPEIRS, L.R.A.M. A.R.C.M.
MISS EDITH JOHNSON
MRS. E. EAGER ROSS, L.Mus.

JUNIOR PIANOFORTE DEPARTMENT

MISS OCTAVIA WILSON, A.Mus.

ORGAN

MR. KENNETH MEEK, L.Mus., Mus.B.
MR. PHILLIPS MOTLEY, B.A., Mus.B.

SINGING

MISS JEAN L. MILLAR
MME. RIA LENSSENS

JUNIOR SINGING DEPARTMENT

MISS BARBARA SCOTT

SIGHT SINGING AND PART SINGING

THE DIRECTOR

CHORAL STUDY AND APPRECIATION CLASS

THE DIRECTOR

ELEMENTARY AND HIGHER THEORY

THE DIRECTOR
DR. FRANK HANSON
MISS VIOLET ARCHER, Mus.B.
MR. CLAUDE CHAMPAGNE
MR. KENNETH MEEK, L. Mus., Mus.B.
MISS ELIZABETH SCHWOB, A.Mus.

HISTORY, AESTHETICS, FORM AND ANALYSIS, AURAL TRAINING, AND MUSICAL DICTATION

THE DIRECTOR
PROFESSOR MARVIN DUCHOW, B.A., Mus.B.

SCHOOL MUSIC
Dr. Frank Hanson

SCHOOL CLASS TEACHERS' TRAINING COURSE
Dr. Frank Hanson

TEACHERS' METHODS AND MATERIALS
Dr. Frank Hanson
Mr. Bernard Symons, A.R.A.M.

HARMONY AND COUNTERPOINT
The Director
Mr. Claude Champagne — Miss Violet Archer, Mus.B.
Dr. Frank Hanson

COMPOSITION AND ORCHESTRATION
The Director — Mr. Claude Champagne
Professor Istvan Anhalt

VIOLIN AND VIOLA
Professor Alexander Brott, L.Mus. — Mr. D'Arcy Shea
M. Lucien Robert

VIOLONCELLO
Miss Yvette Lamontagne — Mr. Jean Belland
Mrs. Alexander Brott

DOUBLE BASS
Mrs. G. Probyn — Mr. Roger Charbonneau

FLUTE
Mr. H. E. Baillargeon

OBOE
Mr. Réal Gagnier — Mr. R. Luckett

CLARINET
Mr. J. Moretti

BASSOON
Mr. R. de H. Tupper

FRENCH HORN
Mr. J. E. MacDonald

TRUMPET
Mr. G. E. Jones

TROMBONE
MR. J. E. BELL

TYMPANI AND PERCUSSION

HARP
MME. J. DROUIN-ADKINS

CONSERVATORIUM ORCHESTRA
THE DIRECTOR

CONDUCTING CLASS
THE DIRECTOR — MR. R. DE H. TUPPER

CHAMBER MUSIC AND INSTRUMENTAL ENSEMBLE
THE DIRECTOR

CHAMBER AND ORCHESTRAL MUSIC
REPERTORY AND OPERA
THE DIRECTOR — MR. R. DE H. TUPPER

DALCROZE EURYTHMICS
MLLE. GENEVIÈVE BUGNION

MODERN LANGUAGES (ITALIAN, FRENCH, GERMAN, AND SPANISH)

By arrangement with the Romance and Germanic Languages Departments of the University, students in Music have special facilities afforded them for studying these languages.

ACOUSTICS
THE DIRECTOR — MR. E. D. TIMMERMAN, B.Sc., A.C.I.C.

EXTRA-MURAL COURSES

Pianoforte classes are held in various schools throughout the City and vicinity. Information with regard to these can be obtained from the Secretary of the Conservatorium, who can also furnish the names of teachers in the City who prepare pupils privately for the McGill Local Centre examinations.

PHYSICAL TRAINING
MR. VICTOR F. OBECK, B.Sc., M.A. — MISS IVEAGH MUNROE, M.S.P.E., B.Sc., M.A.

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10				Chamber Music Class		Elementary Grade Theory Senior Grade Theory
10-11	Orchestral Repertory 1A			Chamber Music Class	3rd Mus.B. Counterpoint	Elementary-Junior Theory Junior Grade Theory Intermediate Grade Theory
11-12	Orchestral Repertory 2	1st Mus.B. History	3rd Mus.B. Form and Analysis	2nd Mus.B. Form and Analysis	1st Mus.B. Counterpoint	Elementary Grade Theory Highest Grade Theory Junior Orchestra
12-1	Orchestral Repertory 1B 1st Mus.B. Harmony	Composition	2nd Mus.B. Harmony 3rd Mus.B. History	3rd Mus.B. Harmony	Orchestration 2nd Mus.B. Counterpoint	Highest Grade Theory Junior Orchestra
2-3	Conducting Class	Elementary Form and Analysis			School Music	
3-4	2nd Mus.B. History	1st Mus.B. Form and Analysis	Aural Training 2		Senior Grade Theory	
4-5	Elementary Grade Theory Highest Grade History	Highest Grade Form and Analysis	Junior Grade Theory	Aural Training I Chamber Music Class	Intermediate Grade Theory	
5-6	Elementary-Junior Theory			Chamber Music Class		
6-7						
7-8				General Theory Class		
8-9				General Theory Class Conservatorium Orchestra (2 hrs.)		

CALENDAR FOR 1950-1951

1950

Mon., Sept. 11th	First day of session. Teaching begins in all branches of Practical Music.
Fri., Sept. 22nd	Entrance Examination for new Students.
Mon., Sept. 25th	Lectures in Sight Singing, Theory, Harmony, Counterpoint, History, Form and Analysis, Canon and Fugue, Transposition, and Orchestration begin.
Fri., Oct. 6th	Founder's Day. (James McGill born Oct. 6th, 1744; died Dec. 19th, 1813.)
Fri., Oct. 6th	Convocation.
Fri., Oct. 13th 8 p.m.	Presentation at the Royal Victoria College of Diplomas of Associateship and certificates gained in the examinations at the end of last session.
Sat., Nov. 11th	Remembrance Day.
Thurs., Dec. 21st	All lessons and classes end until after the Christmas vacation.

1951

Fri., Jan. 5th	All lessons and classes resumed.
Wed., Jan. 31st	First Students' Recital in Conservatorium Hall.
Fri., Feb. 9th	First Junior Students' Recital in Conservatorium Hall.
Wed., Mar. 7th	Second Students' Recital in Conservatorium Hall.
Fri., Mar. 16th	Second Junior Students' Recital in Conservatorium Hall.
Fri., Mar. 23r / *Mon., April 26th* (*inclusive*)	Easter Vacation.
Wed., April 4th	Last day for examination entries.
Fri., April 28th	Examinations in Theory (see page 2158).

Tues.,	*May*	*1st*	Examinations in Higher Theoretical Music begin.
Mon.,	*May*	*7th*	Practical Examinations begin at the Conservatorium.
Sat.,	*May*	*5th*	Last day of Lectures.
Date to be announced.			Convocation.
Fri.,	*June*	*1st*	Recital by Students who obtained Highest Marks in Practical Examinations.
Sat.,	*June*	*2nd*	Last day of summer term. Conservatorium closes.

FACTS OF HISTORICAL INTEREST

1904, September 21st	First day of teaching at the McGill University Conservatorium of Music. (Dr. C. A. E. Harris, Director.)
1904, October 14th	Conservatorium formally opened by Their Excellencies, Lord and Lady Minto, First Recital.
1908, October	Dr. Harry Crane Perrin takes up his duties as Director of the Conservatorium and first Professor of Music in McGill University.
1909, February 23rd	First Orchestral Concert.
1910, February 17th	First Choral Concert.
1910, April, May, June	First Local Centre examination throughout the Dominion.
1910, June 9th	First Mus. B. Degree conferred.
1911, May 12th	First Mus. D. Degree conferred.
1917	Conservatorium endowed by Sir William Macdonald.
1918, May 1st	Resignation (owing to illness) of Sir William Peterson, K.C.M.G., as Principal of the University.
1920, April 26th	The Governors of the University constituted a Faculty of Music with Dr. Perrin as Dean of the Faculty.
1920	General Sir Arthur Currie, G.C.M.G., K.C.B., appointed Principal of the University.
1921	Two Music Scholarships founded as a memorial to the late Sir William Peterson.
1922	Two Music Scholarships founded as a memorial to the late Sir William Macdonald.
1923	Conservatorium building becomes the property of the University by deed of gift from Lady Strathcona in accordance with the wishes of her father, the late Lord Strathcona.
1929, September	Mr. Douglas Clarke takes up his duties as Director.
1930, September	Mr. Douglas Clarke appointed Dean of Faculty of Music.
1933, November 30th	The Principal, Sir Arthur Currie, died.

1935, October 5th	Mr. A. E. Morgan installed as Principal and Vice-Chancellor.
1938, January 7th	Mr. Lewis W. Douglas installed as Principal and Vice-Chancellor.
1940, January 12th	Dr. F. Cyril James installed as Principal and Vice-Chancellor.
1948, March 17th-20th inclusive	"The Beggar's Opera" by John Gay presented in Moyse Hall by Faculty of Music and conducted by Dean Douglas Clarke, with the cooperation of the Departments of English, Physical Education, and Architecture, and the Library School.
1949, January 25th-29th inclusive	"Love in a Village", Ballad Opera, by Dr. Thomas Arne presented in Moyse Hall by the Faculty of Music and conducted by Dean Douglas Clarke. The whole opera was orchestrated by three senior students.
1949, October 24th	Owing to the dangerous state of the Conservatorium Building at 677 Sherbrooke Street West, it became necessary to find new quarters. The University Authorities purchased 3450 Drummond Street, to which address the Conservatorium removed on this date.
1949, October 31st	Lessons and Classes resumed in new building.
1949, November 28th	Official Opening Ceremony, by the Principal, of the new Conservatorium Building, 3450 Drummond Street, at which a Recital of Chamber Music was presented by Students.

PUBLIC EVENTS OF SESSION 1949-50

1949

November 24th	Recital of Students of Professor Alexander Brott.
25th	Recital of Students of Mr. Bernard Symons, A.R.A.M.
December 2nd	Presentation at the Royal Victoria College of Diplomas of Associate and Certificates gained in the examinations at the end of last session.
15th	Recital by Professor Brott's Chamber Music Class.
19th	Recital by Students of Mr. Helmut Blume.

1950

January	*20th*	Recital of Chamber Music in Moyse Hall by Professor Istvan Anhalt, Jeanne Landry, Jean Beaudet, Louis Charbonneau and John Nadeau, at which first performances in Canada were given of Stravinsky's Sonata for Two Pianos, and Bartok's Sonata for Two Pianos and Percussion.
	29th	Recital by Madame Lenssens and Dean Douglas Clarke at the Windsor Hotel.
February	*1st*	Students' Recital.
	4th	Concert of Chamber and Choral music given by Students at the Faculty Club.
	10th	Junior Students' Recital.
	22nd	Chamber Music Concert by McGill String Quartet—Guest Artist, Dean Douglas Clarke—Moyse Hall.
February	*27th*	Concert by the Schola Cantorum of the Conservatorium.
March	*10th*	Concert at Moyse Hall by Conservatorium Junior String Orchestra.
	16th	Violin and Pianoforte Sonata Recital by Harvey Grossman and Charlotte Barrier (Students).
	23rd	Second Students' Recital.
	28th	Recital by Students of Mr. Helmut Blume.
April	*29th*	Concert by Conservatorium Orchestra, conducted by Dean Douglas Clarke, at the Faculty Club.
May	*1st*	Concert of Choral and Chamber Music.
	3rd	Concert by Conservatorium Orchestra, conducted by Dean Douglas Clarke, at Moyse Hall.

Throughout the season a regular series of broadcast recitals has been given over CFCF (FM) by members of the teaching staff of the Faculty, namely, Dean Douglas Clarke, Professor Alexander Brott, Madame Ria Lenssens, Mr. Bernard Symons, Mr. Kenneth Meek, Mr. Joseph Moretti, Mrs. E. E. Ross, and the McGill String Quartet.

SCHOLARSHIPS AND BURSARIES

The Scholarships and Bursaries were awarded as follows:

Macdonald Memorial Scholarships divided among:	Claude Ferland	—Violoncello
	Barbara Lang	—Pianoforte
	Robert L'Heureux	—Violoncello
	Spiro Stamos	—Violin
	Lyse Vezina	—Violoncello
	Octavia Wilson	—Theoretical Subjects
Peterson Memorial Scholarships divided between:	Audrey Crowell	—Pianoforte
	Harvey Grossman	—Violin
Ellen Ballon Scholarship	Charlotte Barrier	—Pianoforte
Donalda Prize	Shirley Sproule	—Singing
Conservatorium Bursary divided between:	Edith Belenkie	—Violin
	William Lunn	—Violin
Special Bursaries divided among:	Kathleen Adams	—Singing
	Elizabeth Dawson	—Pianoforte
	Jacques Gagnon	—Double Bass
	Eledia Tymchuk	—Singing
Constance Willey Prize	Dorothy Baxter	—Pianoforte

GENERAL INFORMATION

The McGill University Conservatorium of Music offers courses of study leading to the degree of Bachelor of Music through the Faculty of Music of McGill University. It also provides instruction in theoretical and in practical work for students proceeding to the examinations for the diplomas of Associate in Music and Licentiate in Music, and in addition conducts Local Centre Examinations throughout the Dominion of Canada intended mainly to assess the proficiency of candidates in their musical studies. (Details regarding the Local Centre Examinations may be found on pages 2153 to 2200.)

The three awards:

(a) Diploma of Associate in Music (A.Mus. McGill)

(b) Diploma of Licentiate in Music (L.Mus. McGill)

(c) Degree of Bachelor of Music (Mus.B. McGill)

are in increasing order of academic attainment. (a) and (b) do not require Junior Matriculation for qualification, whereas (c) does. On the other hand, holders of (a) and (b) are, in certain circumstances, given exemption from some of the examinations leading to (c). A student may qualify for any of several classes, or fields or specialization, the choice depending on

the aptitude and inclination of the candidate (see page 2126). The bachelor's degree is granted in two forms: the general degree (see page 2122) and the degree with specialization in education (see page 2124).

The time taken to reach the three stages may vary widely for different individuals, some being able to follow more courses of instruction at once than others. It would not normally be expected that a competent full-time student could complete the work leading progressively through the two diplomas to the degree at ages earlier than the following:

A.Mus.....18 years
L.Mus.....20 years
Mus.B.....22 years

Naturally, it would be unwise for every student to assume that he could necessarily attain the three stages according to this time-table.

The post-graduate degree of Doctor of Music (Mus.D.) is offered through the Faculty of Graduate Studies and Research (see page 2201).

The Conservatorium of Music is situated at 3450 Drummond Street, above Sherbrooke Street. Besides housing the administrative offices of the Faculty of Music, it contains a class-room-auditorium, a room in which a small concert organ is installed, a number of practice and teaching studios, and the Carnegie Library of Music. This last consists of a well-appointed room, containing a high quality electric phonograph, a large number of recordings representative of the music of all ages, and a collection of biographies, standard references works, and miniature scores. There is also a specially treated Recording Room where selected students may record from time to time to check their progress. A Radio Music School, operating through the University Extension Department, is conducted in the Conservatorium by a competent professional staff.

The Conservatorium Orchestra rehearses weekly and gives one or two public concerts during the adacemic session.

SESSIONAL ANNOUNCEMENT

The work of the Conservatorium of Music for the season 1950-51 will begin on September 11th, 1950, and will end on June 2nd, 1951. It consists of three terms eleven weeks each, with an additional summer term of three weeks, viz.:

(a) September 11th to November 25th.
(b) November 27th to February 24th (Christmas vacation, December 21st to January 5th).
(c) February 26th to May 12th.
Short summer term if desired.

Lectures arranged in progressive courses are offered as forming part of a connected curriculum, leading to certificates and diplomas, as well as to degrees in Music in the University.

The lectures will begin in the last week of September and extend over three terms of ten weeks each, viz.:

(a) September 25th to December 2nd.

(b) December 4th to February 24th.

(c) February 26th to May 5th.

The examinations in Montreal for certificates and diplomas will be held towards the end of the third term, i.e., from May 7th to May 19th. The Theoretical Examinations which precede the Practical Local Examinations will begin approximately April 27th.

ADMISSION

All candidates for admission will be given a practical entrance examination (for dates, see page 2110).

Students of the Conservatorium are admitted either as:—

Regular Students, taking an organized course, which includes individual instruction in a First and Second Subject, together with such classes and lectures as may be thought advisable by the Director, leading to the Diploma of Licentiate in Music or the Degree of Bachelor of Music in the University.

Partial Students, who, besides individual instruction in the one principal subject, have the privilege of attending certain classes. Instrumentalists are, at the discretion of the Director, assigned to certain of the following classes: Theory, Harmony, History, Form and Analysis, Ensemble Playing. Vocalists are assigned to two of the following classes: Theory, Sight-Singing, Choral Class.

Class Students. Those wishing to attend lectures or classes only in either theoretical or practical subjects.

FEES

The University reserves the right to change tuition, board and residence, and other fees without notice.

FACULTY OF MUSIC

Degree Students. The fee for the course leading to the degree of Mus.B. is $250 per annum, plus Student Societies fees, as below. This sum also covers the fees for the Degree Examination. Other Regular Students studying for the Licentiateship Examination, Class A, Class C, or Class D, may study the extra subjects toward the Mus.B. degree by paying additional class rates only.

CONSERVATORIUM OF MUSIC

The fees are as follows:

Regular Students. $250.00 a year payable at the beginning of the session (not later than October 1st) or in two instalments of $127.50 each payable before October 1st and January 15th, respectively. This sum also covers the fees for the Diploma Examination at the end of the year, as well as fees for Physical Education—which is compulsory, Student Health Service and athletic privileges, including admission to home games under the control of the Athletic Board, except those of the senior football and hockey teams.

At the request of the students themselves and by the authority of Senate, a fee of $15.00 is collected from all undergraduates for the support of certain Student Societies.

Partial Students. $15.00 to $75.00 (according to instructor selected) per term of eleven weeks. Students paying in full for three terms of eleven weeks each are allowed to take the examination for a Local Centre Examination Certificate at the end of the year without any further fee.

Class Students. Fees vary between $5.00 and $25.00 per term, according to class. Precise information can be obtained on this point from the Secretary. Fees for Pianoforte Teachers' Training Course (see page 2142); $7.50 for Students of the Conservatorium; $10.00 for others.

The fees for examinations for Certificates, when not included in the term fees as above mentioned, are the same as the fees for the Local Examinations. (See page 2157.)

In all cases fees must be paid strictly in advance at the office of the Conservatorium.

No individual or class lessons will be given to any student who is unable to produce a receipt showing that the necessary fees have been paid.

FEES FOR DIPLOMA AND DEGREE EXAMINATIONS

DIPLOMA OF ASSOCIATE (A. Mus.)

Fees for examination, $15.00. Diploma fee, $2.50.

DIPLOMA OF LICENTIATE (L. Mus.)

Fees for examination, $45.00, of which $15.00 is payable at each examination. Diploma fee, $5.00.

DEGREE OF BACHELOR OF MUSIC (Mus. B.)

Matriculation fee, $10.00 (see General Announcement of the University). Fees for examinations payable as follows:—First examination in Music, $20.00. Second examination in Music, $20.00. Final examination in Music, $20.00. Graduating fee, $20.00.

Although under special conditions exemptions from certain examinations for the Diplomas of Associate and Licentiate and Degree of Bachelor of Music may be allowed, there is no exemption from the *fees* given above, except in the case of candidates holding the requisite McGill Local Centre Certificates.

(The above does not apply to regular students.)

DEGREE OF DOCTOR OF MUSIC (Mus. D.)

Fee $100.00, one-half of which ($50.00) is paid when submitting the exercise and the balance ($50.00) before the final examination.

N.B.—Candidates examined in theoretical subjects connected with the above Degrees, Diplomas and Special Certificates at centres other than Montreal will probably have to pay a local supervisor's fee in addition to the fees stated above.

CONSERVATORIUM REGULATIONS

1. Fees are not refunded, nor is the length of the term extended on account of temporary absence. Absence from lessons caused by prolonged illness may be allowed for, provided the Secretary is notified and a Doctor's certificate presented.

2. *No business matters can be arranged through the instructors, but must be transacted through the office.*

3. Students cannot register for less than a term and must notify the Secretary, *at least a week before the end of the term,* if they wish to discontinue lessons, otherwise it is understood that lessons will be continued through the following term and fees for the full additional term must be paid.

4. Any lessons missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed by students are their loss, unless a Doctor's certificate is produced, when lessons will be made up, but no fees will be refunded or remitted.

5. All students must sign the attendance register in the office immediately after each lesson.

6. Every student (except those attending schools) must, at the beginning of each session, *either* produce a medical certificate from his or her medical attendant *or* be examined by the Medical Officer appointed by the University. (See General Announcement.)

7. No student suffering from an infectious or contagious disease, or who is, in the opinion of a competent medical attendant, in any way brought into contact with any person infected with such disease, is allowed to attend.

8. Students are required to be punctual at lessons, lectures, concerts and examinations.

9. Notices on the bulletin boards are official, and students are requested to pay due attention to such as may be posted there.

10. *No change in course or teacher can be made without first obtaining the consent of the Director.*

11. Students are advised to take the sessional examination (the form of such examinations to be decided by the Director) and are prepared for the same by the instructor or instructors to whom they are assigned.

12. *A student wishing either to take part in any public musical performance, publish a composition, or accept a professional engagement, must first obtain the consent of the Director, and the approval of the student's teacher. The prescribed form must first be filled in.*

13. The name of each lecture and the hours at which the classes are held will be posted on the notice boards.

14. *Registered students of the Conservatorium must take part in either recitals or concerts, if required to do so by the Director.*

15. Visitors are not allowed to be present during any lesson (class or private) except by permission.

16. The Director has the right to refuse or to cancel at any time the registration of any individual whose presence in the Conservatorium may appear detrimental to its interests.

17. Smoking within the building is absolutely prohibited.

18. The standing of any student in the Faculty depends not only on examination results but also on his general progress and musical ability.

19. Reports on the progress and ability of each student will be prepared by all teachers, and by the Director, at the end of each term, and sent to the parents or guardian.

SCHOLARSHIPS

THE SIR WILLIAM PETERSON MEMORIAL SCHOLARSHIPS

Established in 1921 by the University and by friends, graduates and pupils of the Faculty of Music. The interest upon the original endowment of $6,055 is used to support two scholarships in Music as a memorial to the late Sir William Peterson.

For further details consult the Secretary of the Faculty.

THE SIR WILLIAM MACDONALD MEMORIAL SCHOLARSHIPS

Established in 1922 by the University. The interest upon the original endowment of $6,000 is used to support scholarships in Music as a memorial to the late Sir William Macdonald.

For further details consult the Secretary of the Faculty.

ELLEN BALLON PIANO SCHOLARSHIP

Founded in 1928 by a gift of $1500 from Miss Ellen Ballon, a graduate of the Conservatorium. The principal has been increased by a further gift of $1,500 from Miss Ballon. In making this award the Faculty takes into account the need as well as the ability of candidates.

DONALDA PRIZE

Founded by a gift of $2,500 from Madame Pauline Donalda.

CONSTANCE WILLEY PRIZE

Founded 1947 by Mrs. Arthur Willey for the candidate obtaining highest marks in the semi-final examinations for the Licentiate Diploma in Pianoforte playing.

For further details consult the Secretary of the Faculty.

UNIVERSITY BURSARIES

Full-time students studying for the Licentiate in Music or for the Bachelor of Music degree may apply for University Bursaries. For details see the separate Scholarships Announcement which may be obtained from the Registrar's Office.

REQUIREMENTS FOR DEGREES

For requirements for the Degree of Doctor of Music, see page 2201.

DEGREE OF BACHELOR OF MUSIC

All candidates for this degree must pass the following examinations:—

1. The Matriculation examination.
2. The First examination in Music (at the end of the first year).
3. The Second examination in Music (at the end of the second year).
4. The Final examination in Music (at the end of the third year).

A specimen set of papers for each of the three examinations in Music can be obtained from the Secretary, price 25c. each.

THE MATRICULATION EXAMINATION

The Matriculation Examination is held yearly, in June, at McGill University and at various centres throughout the Dominion. There is also an examination held in September, but at McGill University only. Candidates for musical degrees are examined in the following:—

1. English (two papers).
2. History (one paper).
3. Two of the following languages:—French, German, Latin, Italian, Spanish (two papers in each of the two languages chosen by the candidate).
4. Algebra or Geometry (one paper).
5. Music—one paper. The paper set is that of the Highest Grade (Harmony and Counterpoint) of the local theoretical examination in Music and must be taken by the candidate at the regular examinations held by the Conservatorium in May.

Further information with regard to this examination, and exemption therefrom through the possession of certain equivalent certificates, can be obtained from the Registrar of the University.

EXAMINATIONS IN MUSIC FOR DEGREE OF BACHELOR OF MUSIC

The first and second practical studies are no longer required. In their place reading from open score is required in each part of the Mus. B. examination.

FIRST EXAMINATION IN MUSIC

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(a) Harmony in three and four parts.

(b) Strict Counterpoint up to three parts, answers to Fugue subjects. Canon in two parts.

(c) Form and analysis. Questions will be given on accent, cadences, metre, rhythm, phrasing, etc., and on the form of the pieces included in lists A and B of the Highest Grade Piano Local Centre Examinations.

(d) Musical History, 1600-1900.

(e) Playing on the pianoforte from open vocal score (G & F clefs only).

(f) Viva voce.

SECOND EXAMINATION IN MUSIC (See note above)

(a) Harmony in not more than four parts, choral and instrumental.

(b) Counterpoint (strict and free) in not more than four parts.

(c) Fugal exposition up to four parts to which must be added a codetta and a counter exposition. The counter subject must be regular and in double counterpoint.

(d) History of music from earliest times to A.D. 1600.

(e) Form and analysis. The candidate must show an intimate knowledge of a few compositions, the names of which will be supplied on application, at least three months before the date of examination.

(f) Elementary knowledge of accoustics or physiology of the voice.

(g) Playing on the pianoforte from string quartet score.

(h) Viva voce.

The possession of the Diploma of Licentiate of Music obtained either under Classes A, C or D from McGill University exempts candidates from the necessity of taking the First and Second Examinations for Mus. B, and, accordingly, candidates can proceed direct to the Final Examination, provided that they have matriculated.

FINAL EXAMINATION IN MUSIC (See note above)

(a) Harmony up to five parts.

(b) Free Counterpoint, up to five parts, in 16th century style.

(c) Fugue in four parts. Countersubject to be in double counterpoint at the 12th.

(d) History of music from 1900 to present.

(e) Form and analysis. Knowledge will be required of such works as the following:—Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; an Opera *or* an Oratorio; Symphonies and Overtures by Mozart, Beethoven, Brahms, Mendelssohn, Wagner, besides contemporary works. Candidates may, at least three months before the examinations, obtain from the Secretary of the Faculty of Music a complete list of the works upon which the examination paper in this subject will be based.

(f) Instrumentation. A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time; also the reading at sight from an easy score of a classical composer.

(g) Two compositions to be sent in by a candidate, to be received by the Secretary of the Examining Board not later than the last day of

the second week in April. One to be an unaccompanied vocal work (not an anthem) showing considerable vocal resource; the other to be a work for strings, or combination of not less than four instruments or full orchestra. The works may be in any form and the intrumental composition should be of extended length. Candidates, when submitting their compositions, must send at the same time, a signed statement to the effect that the works are their own unaided efforts. (The composition, whether accepted or not, will not be returned to the candidate.)

(h) Viva voce.

(i) Essay. Candidates will be required to write an English Essay on one of a choice of subjects of general interest, not necessarily having any connection with music.

BACHELOR OF MUSIC—MUSIC IN EDUCATION

Prerequisite for the course leading to the Degree of Bachelor of Music in Education to be:

(a) Junior Matriculation (or the equivalent).

(b) Completion of all the requirements for the Licentiate Diploma (Class D). (See page 2146.)

Before sitting for the examination, candidates must submit an original thesis on some phase of music in education, previously approved by the Dean of the Faculty of Music. Thesis must be in the hands of the Secretary of the Faculty of Music before April 1st.

Course Leading to the Examination will be in three parts:—

1. Theoretical work.
2. Practical work.
3. Viva voce.

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

1. THEORETICAL WORK

(a) Harmony up to 4 parts, thus: S.S.A.; S.A.B.; S.S.A.A.; S.S.A.B.; S.A.T.B.; including harmonizing melody (in the style of a Bach chorale) for strings or wind.

(b) Counterpoint, strict and free up to 4 parts.

(c) Fugal exposition in four parts to which must be added a codetta and a counter exposition. The counter subject must be regular and in double counterpoint.

(d) History of Music—1900 to date.

(e) Form and Analysis. Knowledge will be required of such works as the following: Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; and an Opera or Oratorio; Symphonies and Overtures by Mozart Beethoven, Brahms, Mendelssohn, Wagner, besides contemporary works. List of works on which the examination papers in this subject will be based may be obtained from the Secretary of the Faculty of Music at least three months before the date of the examination.

(f) Instrumentation. A knowledge of the compass and capabilities of all instruments in the Orchestra and Military Band, and the scoring of a given passage for High School Band and High School Orchestra.

2. PRACTICAL WORK

Ability to:

(a) Direct School Band or Orchestra.

(b) Direct School choral group with Band or Orchestral accompaniment.

(c) Teach School Instrumental class, brass or strings or reed.

3. VIVA VOCE

(a) Questions concerning any phase of school music.

(b) Preparation, and test, of repertory will be given by means of gramophone recordings concerning candidate's knowledge of thematic material in works selected for that purpose. A list of works on which the test will be based may be obtained from the Secretary of the Faculty of Music six months prior to the examination.

(c) Questions pertaining to the submitted thesis.

REQUIREMENTS FOR THE DIPLOMA OF LICENTIATE IN MUSIC

(For Fees, see page 2118)

Candidates may elect to be examined either in:—

Class A—Theoretical Subjects and Composition, *or*

Class B—Practical Subjects as Performers, *or as*

Class C—Professional Instructor (see page 2139), *or*

Class D—School Teacher (see page 2146).

LICENTIATE CLASS A—THEORETICAL SUBJECTS AND COMPOSITION

FIRST EXAMINATION

NOTE:—No student may proceed to the higher examination until he has completed the requirements of the lower.

(a) *Advanced Rudiments*, including Sight Reading and Ear Tests.

(b) *The Harmony and Counterpoint* paper of the Highest Grade Local Centre theoretical examinations.

(c) *History and Form and Analysis* paper of the Highest Grade Local Centre theoretical examinations.

SECOND EXAMINATION (See note above)

Requirements a, b, c, and d are the same as those for the First Examination for Mus.B. (See page 2122.)

(e) The regulation requiring the submission of a composition is cancelled. Instead, candidates will be required to sit for an examination in the setting of words for unaccompanied S.A.T.B., or specified voices with instrumental accompaniment.

THIRD EXAMINATION (See note above)

Requirements a, b, c, d, and e are the same as those of the Second examination for Mus.B. (See page 2123.)

(f) *Practical work on pianoforte or organ.* The requirements are those of the Senior Grade of the practical local examinations. Exemption from this test may be claimed if candidates possess certificates showing that they have passed that examination.

(g) *Composition* of (1) a movement in Sonata form (for either pianoforte, or organ, or violin and pianoforte, or any other combination); or (2) a Chorus with independent accompaniment for strings or some combination of orchestral instruments (*not an anthem*); or (3) an extended composition for strings. This must be received by the Secretary not later than the last day of the second week in April. (The Composition, whether accepted or not, will not be returned to the candidate.)

(h) *Instrumentation.* A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time.

(i) *Viva voce;* also the reading at sight from an easy full orchestral score of a classical composer.

LICENTIATE CLASS B—PRACTICAL SUBJECTS AS PERFORMERS

FIRST EXAMINATION

Candidates are required to pass Senior Grade of the Local Centre Examination in Theory, and practical work either as Vocalist or Instrumentalist, in Principal Study, the requirements of which are those of the Highest Grade of the practical local examinations. Candidates will be asked questions on the form of the works presented, as well as questions relating to keys and modulations.

SECOND EXAMINATION (Semi-Final)

The requirements for candidates whose chief study is either pianoforte, or violin, or violoncello, or organ, or singing, are found under separate headings, numbered (i) to (vii):—

(I) PIANOFORTE

(No written examination)

1. *Scales.* Major, minor (both forms) and chromatic scales at the distance of 8ve, 3rd, 6th and 10th through four octaves; also in double 3rds (in similar motion only) and double 8ves through two octaves.

The candidates must be prepared to play all the above mentioned scales in all keys, in either similar or contrary motion, beginning on either the highest or lowest notes, and with either legato or staccato touch (double 3rds in similar motion only).

2. *Arpeggios.* Common chords, with hands commencing either an 8ve, 3rd, 6th, or 10th apart, in similar and contrary motion, also common chords in double octaves, legato and staccato, beginning on either the highest or lowest notes; dominant and diminished 7ths in similar motion an octave apart or at any inversion or interval; in contrary motion commencing either on the same note and working outwards, or on the extreme notes and working inwards. Also double octaves.

3. *Reading at Sight.*

4. *Performance.* (Extra marks will be given for playing from memory.) One item from each group to be prepared, plus a piece of the candidate's own choice.

(a) Partita in C Minor (first movement)	BACH
Partita in G Major—Preamble	BACH
Prelude and Fugue in D Minor—Book I	BACH
Prelude and Fugue in C Minor—Book II	BACH

(b)	Andante Favori in F	BEETHOVEN
	Variations in F—Op. 34	BEETHOVEN
	Sonata in B flat—Op. 22 (First movement and Minuet and Trio)	BEETHOVEN
	Sonata in C (English Sonata)	HAYDN
(c)	Nocturne in E Major	CHOPIN
	Sonata in G Minor—Op. 22 (Slow movement and Scherzo)	SCHUMANN
	Two Intermezzos—Op. 118 (No. 1 in A Minor, No. 6 in E flat minor)	BRAHMS
(d)	April	JOHN IRELAND
	Nocturne from Miniature Suite in C	YORKE BOWEN
	Sonatina in G	J. B. MCEWEN

(e) A piece of candidate's own choice.

5. Questions will be asked on the general outlines of form shown in the pieces and also on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(II) VIOLIN (No written examination)

1. *Scales.* Any major or minor scales (both forms), selected by the examiners in thirds, sixths, and octaves, one note to each bow, through two octaves. Also any of the ordinary scales through three octaves with various bowings Chromatic scale starting from F in the first position (D string) through two octaves.

2. *Arpeggios.* All major and minor chords throughout three octaves, and in octaves throughout two octaves. Dominant sevenths and diminished sevenths in all keys throughout three octaves.

3. *Reading at Sight.*

4. *Performance.* Candidates must perform any one Etude from each of the following composers:—Kreutzer, Fiorillo, Gavinies, and Rode, and also play one of the following:

Concerto No. 5 in A major (K. 219)	MOZART
Concerto in E minor	MENDELSSOHN
Sonata in F major (Op. 24)	BEETHOVEN

Sonata in G major (Op. 30 No. 3) — BEETHOVEN

Sonata in G major (Op. 78) — BRAHMS

5. *Questions.* Questions will be asked on the general outlines of form shown in the studies and pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(III) VIOLONCELLO (No written examination)

1. *Scales.* Major, minor (both forms), and chromatic scales in all keys.

2. *Arpeggios.* All majors and minors (both forms). Dominant and diminished sevenths.

The candidate must be prepared to play the scales with various bowings.

3. *Reading at Sight.*

4. *Performance.* Candidates must be prepared to play one piece from any two of the following groups—two items in all:—

(a) Suite No. 1 — J. S. BACH

(b) Sonata in E minor (Op. 38) — BRAHMS
(1st and 2nd movements only) *or*
Sonata in F (Op. 99) — BRAHMS
(1st and 2nd movements only) *or*
Sonata in A major (Op. 69) — BEETHOVEN
(The whole)

(c) Also any two of the following pieces:—
Seven Variations on a Theme from "The Magic Flute" (Op. 66) — BEETHOVEN
Two Poems — HUGO ANSON
(Oxford University Press)
Slumber Song (arr. Harvey Grace) — BACH
(Oxford University Press)
Five Irish Folk Tunes — HOWARD FERGUSON
(Oxford University Press)

5. *Questions.* Questions will be asked on the general outlines of form shown in the pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(IV) VIOLA (No written examination)

1. *Scales*
2. *Arpeggios*
3. *Reading at Sight*
4. *Performance*

See Violin requirements, page 2128

Candidates must perform any one Etude or Caprice from the following:

41 Caprices, Op. 22	CAMPAGNOLI
Etudes, Op. 35	DONT
Etudes, Op. 22	HERMANN
Etudes de Concert, Op. 18	HERMANN
42 Etudes	KREUTZER
Etudes 36, 44, 47, 49, 62	PALASCHKO
Caprices for Viola	RODE
Caprices for Viola	ROVELLI
15 Etudes for Viola	SITT

and also play one of the following:

Concerto, Op. 68	SITT
Concertstuck, Op. 19	SITT
3 Sonatas for Viola and Piano	J. S. BACH (arr. Succenski)
Concerto in B minor	HANDEL
Concerto in D major	P. E. BACH
Sonata for Viola and Piano	P. LYON
Conte de Fées, Op. 113	SCHUMANN

5. *Questions.* Questions will be asked on the general outlines of form shown in the studies and pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(V) DOUBLE-BASS, HARP, AND WIND INSTRUMENTS

Requirements will be forwarded to candidates on application to the Secretary of the Conservatorium of Music.

(VI) ORGAN (No written examination)

1. *Scales.*
   (a) Manuals only (with both hands).
   (b) Pedals only.
   (c) One hand only with pedals, at varying degrees of speed and beginning with either the highest or lowest note.

   In the case of (a) and (c) contrary motion may be required.

2. *Arpeggios.*
   (a) For pedals through two 8ves; common chords, major and minor in keys of C. D, D flat, E flat, E, and F.
   (b) One hand and pedals combined, in contrary motion.

3. *Reading at Sight.*

4. *Transposition.* Of a short passage, a semitone or tone above or below.

5. *Performance.* One piece from each of the following groups.

   (a) Chaconne in E minor — BUXTEHUDE
   (Salabert, Paris)

   Fugue in A minor — FRESCOBALDI
   (Oxford University Press)

   Voluntary in D minor — ORLANDO GIBBONS
   (Novello)

   Diferencias — CABEZON
   (Schirmer)

   (b) Toccata in F — BACH
   (Novello Book 9)

   Passacaglia and Fugue in C minor — BACH
   (Novello Book 10)

   Prelude and Fugue in G major — BACH
   (Novello Book 8, page 112)

   Sonata No. 6 (First movement only) — BACH
   (Novello Book 5)

(c) Sonata in C minor (Fugue only) JULIUS REUBKE
(Novello, edited by Ellingford)

Sonata in E flat (Scherzo only) BAIRSTOW
(Novello)

Wie schon leuchtet der Morgenstern, Op. 65 No. 44,
and Lobe den Herren, O Meine Seele, Op. 65 No. 28
(E. B. Marks) KARG-ELERT

Sonata No. 1 (either of the two movements) pages
3-13, or 14-23 PAUL HINDEMITH
(Edition Schott)

6. *Questions.* Questions will be asked on the general outlines of form shown in the pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(VII) SINGING (No written examination)

1. *Scales and Technical Exercises.* Major, minor, and chromatic scales at varying degrees of speed.

(For example, see Randegger's Singing Primer, pages 38, 41 and 48). Also any six of the technical exercises given on pages 161 to 169 of the same work, selected according to voice.

2. *Arpeggios.* See Randegger's Singing Primer, pages 102, 104 and 107.

3. *Reading at Sight.*

4. *Performance.* Studies.

Soprano or Tenor—Any two from No. 1 to No. 17,
Fourth Series. Part I. 30 Solfeggios. VITTORIO RICCI

Alto or Bass—Any two from No. 1 to No. 17, Fourth
Series. Part II. 30 Solfeggios. VITTORIO RICCI

Medium Voices—Any two from No. 1 to No. 17. Fourth
Series. Part III. 30 Solfeggios. VITTORIO RICCI

The selection of the pieces to be rendered in this examination is left to the candidates, who must, however, choose music of the following character:—

(a) Two specimens of Recitative.

(b) Two arias from an Oratorio or Oratorios.
or
Two arias from an Opera or Operas.

(c) Two songs by any of the following composers:—PARRY, ELGAR, HENCHEL, STANFORD, SCOTT, IRELAND, ARMSTRONG, GIBBS, HOLST, VAUGHAN-WILLIAMS, DELIUS.

(d) Two songs by any of the following composers: — SCHUMANN, SCHUBERT, FRANZ, BRAHMS, LOEWE, WOLF, BALAKIREFF, GRIEG, HAHN, SIBELIUS, STRAUSS and FAURE.

(e) One specimen of Folk Song from "A selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).
(To be sung unaccompanied.)

N.B.—The selection made will be taken as an indication of the candidate's taste.

5. *Questions.* Questions may be asked as to the style of the pieces selected and the modulations or keys through which the music passes, etc.

Questions may be asked on the more advanced rudiments of music, the general knowledge of repertoire, and on physiology of the voice.

THIRD EXAMINATION (Final)

The requirements for candidates whose chief study is either Pianoforte or Violin, or Violoncello, or Organ, or Singing, are found under separate headings, numbered (i) to (vi). There is no written examination.

(I) PIANOFORTE

1. *Sight Reading Test.*

2. *Questions.* Questions will be asked on musical history from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces must be played from memory.) One of the specified items from each group to be prepared:

(a)
Prelude and Fugue in F sharp major	Book I	BACH
Prelude and Fugue in C sharp major	Book I	BACH
Prelude and Fugue in A flat major	Book II	BACH
Prelude and Fugue in D sharp minor	Book II	BACH
Prelude and Fugue in C sharp minor	Book II	BACH
French Suites Nos. 4, 5 or 6		BACH
Chromatic Fantasia and Fugue		BACH

(b) Any *two* of the following
Etudes: Op. 10, Nos. 1, 2, 7, 8 — CHOPIN
Op. 25, Nos. 6, 8, 10, 11 — CHOPIN

(c)	Concerto No. 5, Op. 73 Sonata in E, Op. 109 Sonata in E flat, Op. 81a	BEETHOVEN
	Sonata in B minor, Op. 58	CHOPIN
	Sonata in G minor, Op. 22	SCHUMANN
(d)	Variations on "O Mistress Mine" (Novello)	BYRD
	Variations in A (Omitting variations 4, 5, 12)	GLAZOUNOV
	Ballade in D major, Op. 10, No. 2	BRAHMS
	Scherzo in E flat minor	BRAHMS
	Etudes Symphoniques (Theme and any three Etudes)	SCHUMANN
(e)	Reflets dans l'eau	DEBUSSY
	L'Isle Joyeuse	DEBUSSY
	Poissons d'Or	DEBUSSY
	Bourrée Fantasque (Enoch & Sons)	CHABRIER
	Ondine	RAVEL
	Sonatine	RAVEL
	Rhapsody	JOHN IRELAND
	A Reel, No. 4 of Four Irish Dances (Stainer & Bell)	STANFORD-GRAINGER

(f) A piece of the candidate's own choice.

SPECIAL NOTE:—In place of a selection from sections (d) and (e) the candidates may present César Franck's Prelude, Choral and Fugue.

4. *Examination in Second Study.* Certificates gained in any of the three higher grades of the local practical examinations exempt candidates from this test, whether the subject chosen is Organ or Violin, or Violoncello, Singing or Wind Instrument.

(II) VIOLIN

1. *Sight Reading Test.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) One piece to be selected from each of the following groups:—

(a) Chaconne — BACH
Sonata in G minor — BACH
(For violin alone, Prelude and Fugue only.)

(b) Sonata in C minor, Op. 30, No. 2 — BEETHOVEN
Sonata — DEBUSSY
Sonata — RAVEL
Sonata in A — CESAR FRANCK
Sonata in A minor — JOHN IRELAND
(Winthrop Rogers)

(c) Concerto (1st two movements) — BEETHOVEN
Concerto (first movement) — ELGAR
Concerto in D minor (first two movements) — MAX BRUCH
Concerto No. 4 in D major — MOZART
(First two movements: Joachim's Cadenza)
Concerto in A minor, Op. 73 — GLAZOUNOV
First *or* second movement

(d) Spanish Suite: / Suite Espagnole — NIN
Nigun—Improvisation — ERNEST BLOCH
La Fontaine d'Arethuse — SZYMANOWSKI
Variations — JOACHIM

4. *Examination in Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations in pianoforte exempt candidates from this test.

(III) VIOLONCELLO

1. *Reading at Sight.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) Any three of the following:—

Sonata in F Major (Op. 99) — BRAHMS
(Last movement)
Sonata in E minor (Op. 38) — BRAHMS
(Last movement)
Concerto (Op. 85) (First Movement) — ELGAR
Sonata (Last Movement) — DELIUS
Concerto in B minor (Op. 104) (First Movement) — DVORAK

4. *Examination in Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test.

(IV) VIOLA

1. *Reading at Sight.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) One piece to be selected from each of the following groups:

(a)	Concerto in D major, Op. 107	Mozart
	Chaconne	Vitali
	6 Suites	J. S. Bach (arr. Succenski)
(b)	Ballade	Weiner
	Jagostuck, Op. 36 No. 20	Palsachko
	Morceau de Concert	Hubay
(c)	Sonata, Op. 120 Nos. 1 and 2	Brahms
	Suite No. 48	Jongen
	Romance, Op. 83	M. Bruch
	Suite for Viola	Vaughan Williams
	Suite for Viola	Bloch
(d)	Sonata, Op. 11 No. 4	Hindemith
	Sonata, Op. 11 No. 5	Hindemith
	Sonata, Op. 25 No. 1	Hindemith
	Catalane	Busser
	Viola Concerto	Sansmann
	Viola Concerto	Arensky
	Viola Concerto	Jacob

4. *Examination in Second Study* (which must be Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test.

(V) DOUBLE-BASS, HARP, AND WIND INSTRUMENTS (See page 2131)

(VI) ORGAN

1. *Transposition and Modulation Tests.* The transposition of a passage into another key not exceeding a third above or below. Modulation—Candidates are advised to make their modulation musically and not only mathematically correct.

2. *Sight Reading Test.*

3. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

4. *Performance.* Of one piece from each of the following lists:—

(a) Prelude and Fugue in G Major (Book VII Novello)	BACH
Prelude and Fugue in E flat major (Book VI, Vo. II Novello)	BACH
Fantasia and Fugue in G minor (Novello VIII or Peters)	BACH
Prelude and Fugue in C minor (Oxford University Press)	VAUGHAN WILLIAMS
(b) Sonata in E minor No. 8 (Op. 132) (Novello)	RHEINBERGER
Sonata in C sharp minor (Schott)	HARWOOD
Sonata Britannica No. 3 Op. 152 (Stainer & Bell)	STANFORD
Sonata in G major Op. 28 (Breitkopf & Hartel)	ELGAR
Sonata in G minor Op. 28 (Peters)	PIUTTI
(c) Dithyramb	HARWOOD
Toccatina on "Corde Natus" (Augener)	EAGLEFIELD HULL
Concert Fantasia on "Hanover" (Novello)	E. LEMARE
Vorspiel and Liebestod (arr. J. E. West) (Novello)	WAGNER
Choral in E	FRANCK
Choral in B minor (Peters or Durand)	FRANCK
Introduction and Passacaglia (Oxford University Press)	ALCOCK

5. *Short Extemporization on a Given Theme.*

6. *Examination in Second Study.* Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test, whether the subject chosen is either Pianoforte, or Violin, or Violoncello, Singing, or Wind Instrument.

(VII) SINGING

1. *Performance.* (All studies and works submitted must be sung from memory.)

(a) Studies:

Soprano or Tenor—Any two from No. 18 to the end of the Fourth Series, Part I, of 30 Solfeggios. VITTORIO RICCI

Alto or Bass—Any two from No. 18 to the end of the Fourth Series, Part II, of 30 Solfeggios. VITTORIO RICCI

Medium Voices—Any two from No. 18 to the end of the Fourth Series, Part III, of 30 Solfeggios. VITTORIO RICCI

(b) The principal solo work from an opera or oratorio.

(c) Not less than three songs in various languages to exemplify proficiency in diction.

2. *Sight Reading Test.*

3. *Questions* on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge, and questions on physiology of the voice.

4. *Chief Study.* The studies by Vittorio Ricci must be prepared by all candidates, but as types of voices and capabilities of vocalists differ so much, it is impossible to specify satisfactorily other work on which any individual candidate will be examined. The Examination Board is prepared to accept in the Final Examination any works on which a correct judgment can be formed as to whether the candidate shall, after examination, be awarded the Diploma:—

(a) As soloist for Concert Work only.

(b) As soloist for Light Opera.

(c) As soloist for Grand Opera.

(d) As soloist for Oratorio.

(e) As soloist for a combination of any of these.

Candidates must submit to the Board of Examiners, through the Secretary, a list of works which they propose to present for the Final Examination.

5. *Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades (i.e. Intermediate, Senior, or Highest), of the local practical examinations for Pianoforte exempt candidates from this test.

The ability of candidates to play their own accompaniments on the pianoforte to the vocal work prepared by them for the examination, together with the reading of a song accompaniment at first sight, will be accepted as second study.

LICENTIATE CLASS C—PROFESSIONAL INSTRUCTOR (THEORY AND PRACTICE)

FIRST EXAMINATION (Piano)

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(Partly written and partly viva voce)

Candidates are required to pass the Highest Grade of the Local Centre examinations in Theory. (See page 2158.)

Chief subject:

Candidates will be expected to show sufficient executive ability to perform the technical work, studies and pieces contained in the list for the current year's local examination in the Highest Grade. (Total exemption from this examination can be claimed if candidates can produce certificates of having previously passed the Highest Grade, theoretical, and the Highest Grade, practical, of the local examinations.)

N.B.—Sight reading tests and ear tests will be given in each part of this examination.

SECOND EXAMINATION (Semi-Final)

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(Partly written and partly viva voce)

1. Harmony in three and four parts up to chords of the 9th, including suspensions and use of passing notes.

2. Strict Counterpoint in three parts, answers to fugue subjects.

3. Musical History 1600-1900.

4. The principles of Elementary Form and Analysis.

5. Chief study, (numbered (i) to (vi) below).

(I) PIANOFORTE

For Scales, Arpeggios, reading at sight and transposition the requirements are the same as those for performer. (See pages 2127 and 2128.)

Performance:

Three Part Inventions — BACH

Nos. 3 D major *and* 4 D minor.

or

Nos. 11 G minor *and* 12 A major. (Tonmeister Edition)

and one of the following Preludes and Fugues.

Preludes and Fugues — No. 5 in D Book II / No. 20 in A minor Book II — BACH

and all of the following:

Sonata in A flat, Op. 110 — BEETHOVEN

Ballade in B major and minor, Op. 10 No. 3 — BRAHMS

Idylle (pub. Enoch, Paris) — CHABRIER

Chelsea Reach (Augener) — JOHN IRELAND

Viva voce:

Questions will take the following form:—

(1) On the position and action of hands, arms, and fingers and on the use of the pedal.

(2) On the teaching of scales (in single notes) and arpeggios. N.B. In Nos. 1 and 2 no arbitrary or doctrinal opinion will be held by the examiners. Any good method will be acceptable.

(3) To finger certain technical passages presented by the examiner to the candidate.

(4) Questions will be asked on the general outlines of form shown in the pieces and on the contents of "The Growth of Music"—Part 3, by H. C. Colles, published by the Oxford University Press.

[For (ii) to (vi), Violin, Violin, Violoncello, Singing, Organ, etc., the requirements are those of the Semi-Final Performer.]

N.B.—Outline of questions likely to be asked in connection with Violin, Violoncello, Singing and Organ may be obtained from the Secretary of the Conservatorium.

6. Second study.

The requirements are similar to those of the Senior Grade of the local examination.

If the candidate's chief study in Singing, Pianoforte Accompaniment will be accepted as second subject.

THIRD EXAMINATION (Final)

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

Part I—Written Examination

1. Harmony in not more than four parts. (Choral and Instrumental.)
2. Counterpoint (strict and free) in not more than four parts.
3. Fugal Exposition in three parts.
4. History of Music from earliest times to A.D. 1600.
5. Form and Analysis.
6. A paper on elementary Physiology of the Voice or on Acoustics.
7. A paper on the Art of Teaching of the candidate's chief subject.

Special Note.—This paper will consist of *set questions* based on the following:—

Candidates will be required to give names of Studies and Pieces with their Composers from classical or standard work, of different degrees of difficulty suitable for special purposes.

To answer questions on method and procedure in teaching.

To finger and phrase given passages, give breathing indications, etc.

Questions on Rhythm, Technique.

To give outlines of work for specific periods of study.

Memorization and Appreciation.

To show such general knowledge, both musical and technical, as might be expected of a reasonably equipped music teacher.

Part II—Viva Voce

Requirements will be found under separate headings, numbered (i) to (vi), corresponding to the candidate's chief subject.

(I) PIANOFORTE

1. (a) To answer questions on the teaching of double notes scales (3rds and 6ths) and double octaves, legato and staccato.

   (b) To answer questions on:—

   Production of tone
   Phrasing
   The playing of ornaments
   Interpretation
   Use of the pedals

(c) To finger certain technical passages presented by the examiner to the candidate.

(d) To show an adequate knowledge of pianistic literature.

(Questions here will embrace the works of Bach, Beethoven, Chopin, Schumann, Brahms, Debussy and Ravel.)

N.B.—Books recommended for reading "Technique and Expression" Franklin Taylor (Novello), and "Musical Interpretation" Tobias Matthay.

The History of Pianoforte Music (Westerby) and the various volumes of "The Pilgrim Series" (Oxford University Press).

In addition, students are recommended to take the following Course—which is, however, not obligatory.

PIANOFORTE TEACHERS' TRAINING COURSE

1. How does the piano behave? What is therefore the proper approach?
2. Phrasing—the Essence of Interpretation.
3. Habit Forming.
4. Memory as a means to proper practice.
5. Is it possible to overcome nervousness?
6. Are scales and arpeggios waste of time?
7. Is reading at sight a gift? The value of a knowledge of harmony.
8. What music should we give our students?
9. Are examinations necessary?
10. When is one ready to perform at students' concerts?

2. Candidates must be prepared to play the following:—

(a) Suite No. 2 in F (Tonmeister Ed.) — HANDEL

or

French Suite No. 1 in D minor — BACH

or

Prelude and Fugue in A minor (Book 1) — BACH

(b) Sonata No. 23 in C (The English) (Augener) — HAYDN

or

Sonatas—Op. 28 (in D major), or
Op. 31 (in E flat), or
Op. 78 (in F sharp major) — BEETHOVEN

Sonata in E minor Op. 7 — GRIEG

(c) Capriccio—Op. 76 No. 1, Op. 76 No. 2, Op. 76 No. 8 } Any two — BRAHMS

or

Fantaisies Op. 116 (any two) — BRAHMS

or

Ballade Op. 118 No. 3 (G minor) — BRAHMS

or

Intermezzo Op. 119 No. 2 — BRAHMS

(These are all in the Brahms volume Book 2 published by Peters.)

(d) Christmas Pastoral (transcribed by Clarence Lucas) (Oxford University Press) — BACH

and one of the following:

Nocturne No. 5 in F sharp, Nocturne No. 18 in E } — CHOPIN

Zigeuner-Novelle Op. 38 No. 3 — POLDINI

The Scarlet Ceremonies (from "Decorations") (Augener) — JOHN IRELAND

Variations on a Lettish Theme Op. 6 — JOHN WIHTOL

(e) A piece of the candidate's own choice by a modern English, French or Russian Composer.

3. Sight Reading Test.

(II) VIOLIN

1. To demonstrate method of finger-training and bowing, posture and fingering, also to finger and bow certain passages, if required.

2. Should the Examiner desire it, the candidate must be prepared to give a student (who is not a pupil of the candidate) a specimen lesson, correcting, if necessary, any errors in bowing, intonation, posture, fingering, etc., and to answer questions and offer suggestions on the work after the student has retired.

3. To differentiate between mechanical and aesthetic expression.

4. To show ability to accompany on the pianoforte.

5. Candidates must be prepared to play any two Studies chosen by themselves from each of the following:—KREUTZER, FIORELLO, RODE, ROVELLI and GAVINES.

6. Performance.

(a) Any of the ten
Sonatas for Violin and Pianoforte — BEETHOVEN
or Sonata in A minor (Op. 105) — SCHUMANN
or Sonata in A (Op. 100) — BRAHMS

(b) Any one of the following Concertos may be selected by the candidate—
BEETHOVEN, MENDELSSOHN, ERNST in F sharp minor, PAGANINI, VIEUXTEMPS, TSCHAIKOWSKY, SAINT-SAENS in B minor, BRAHMS, ELGAR, WIENIAWSKI, BRUCH, LALO.

(c) Romance in E minor — SINDING
or
Havannaise — SAINT-SAENS
or
Rhapsodie Piedmontese — SINAGAGLIA

7. Sight Reading Test.

(III) VIOLONCELLO

See under Violin for requirements 1, 2, 3, 4, and 7.

Candidates must be prepared to play—

5. Nos. 11, 16 and 20 Studies — DUPORT
And any two Studies — DOTZAUER
(From 24 Daily Studies)

6. Any one of the five Sonatas (selected by the candidate) — BEETHOVEN
To show a general knowledge of the Six Suites — J. S. BACH
Symphonic Variations — BOELLMAN
Romance — WAGNER-POPPER

(IV) VIOLA, DOUBLE-BASS, HARP, AND WIND INSTRUMENTS (See page 2131)

(V) ORGAN

1. To demonstrate method of instruction for overcoming difficulties in pedal technique, clear part playing, independence of hands and feet, position of body, stop management, etc.
2. To answer questions as to the causes of difference of tone between the various stops.
3. To explain the principles of pedalling and mark passages submitted to candidates for that purpose.
4. To be prepared to play one of the following groups and one piece of his own choice—
(a) Sonata No. 2 in C minor — BACH
(Book IV Novello)

Chorale in A minor — FRANCK

Psalm Prelude No. 1 (Novello) — HOWELLS

(b) Sonata No. 5 in C major (Book V Novello) — BACH

Prelude on Jesu, meine Freude—(Op. 65—No. 38) — KARG-ELERT

Largo Sostenuto (from A Sea Symphony) — VAUGHAN WILLIAMS

(c) Chorale Prelude—Herr Jesu Christ, dich zu uns wend — BACH

Sonata No. 1 — MENDELSSOHN

Prelude on Vexilla Regis (Augener) — BAIRSTOW

5. Sight Reading Test.

6. To extemporize and transpose.

(VI) SINGING

1. To demonstrate by means of a lesson conducted before the examiners the teaching of proper methods of breathing, tone, attack, evenness of tone, intonation, expression, overcoming of awkward breaks, resonance, facial expression, and posture.

2. To read (at the pianoforte) a simple accompaniment at sight, and also transpose within the limits of a major second above or below.

3. In passages given by the examiner, to phrase or insert breath marks.

4. Candidates must be prepared to give illustrations of Recitative, Solo singing in Opera and Oratorio, and to sing one song of any one composer in each of the following three groups:—

   (a) BACH, HANDEL, MOZART, BEETHOVEN, SCHUBERT, SCHUMANN, FRANZ, BRAHMS, LOEWE, WOLF, STRAUSS.

   (b) PARRY, ELGAR, DELIUS, HOLST, VAUGHAN-WILLIAMS, PETER WARLOCK, DUNHILL, QUILTER.

   (c) DEBUSSY, RAVEL, MILHAUD, POULENC.

   (d) Any Folk Song from "A Selection of Collected Folk Songs" arr. by C. SHARP and VAUGHAN-WILLIAMS (Novello) (to be sung unaccompanied).

5. Sight Reading Test (Vocal).

LICENTIATE IN MUSIC—CLASS D (SCHOOL TEACHER)

Prerequisite for the course leading to this Diploma to be completion of all the requirements for Diploma of Associate—Class C.

1. EDUCATION:
   - (*a*) Music methods and materials for High School Grades—vocal *or* instrumental.
   - (*b*) Appreciation methods and materials for High School Grades.
   - (*c*) A minimum of twenty-five hours observation and practice teaching under supervision.

2. APPLIED MUSIC:
   - (*a*) Singing (Semi-final Licentiate Class B—Performer)
     or
     Solo instrument—string, reed or brass (Semi-final Licentiate Class B—Performer).
   - (*b*) Sight reading, transposition and improvisation at the keyboard.
   - (*c*) Choral *or* instrumental conducting for high school grades.
   - (*d*) Part and sight singing (vocalists only).
   - (*e*) Aural training.

3. THEORETICAL:
   - (*a*) Harmony (Highest Grade).
   - (*b*) Strict counterpoint—all species in three parts.
   - (*c*) Arranging for voices *or* instrumental groups.

Note: Marks of seventy per cent or more are required in harmony, strict counterpoint and arranging.

- (*d*) History of music from earliest times to 1600.
- (*e*) Form and analysis.

DIPLOMA OF ASSOCIATE IN MUSIC

(For Fees, see page 2157)

There are three classes of this Diploma.

Class A—Practical subject as performer.

Class B—Professional instructor.

Class C—School teacher.

The requirements are:—

CLASS A (PERFORMER)

Practical—Semi-final Licentiate (Performers' Class) (see pages 2127 to 2139.

Theoretical: Senior Grade Local Centre Examinations (see page 2159).

CLASS B (PROFESSIONAL INSTRUCTOR)

Practical: Highest Grade Local Centre Examinations (see pages 2160 and 2161).

Theoretical: Highest Grade Local Centre Examinations (see page 2158).

In addition questions on teaching will be asked.

CLASS C (SCHOOL TEACHER)

FIRST YEAR

Prerequisites:

(*a*) Rudiments of Music (Junior Grade). A mark of seventy per cent or more is required.

(*b*) Pianoforte (Primary Grade).

(*c*) High School Leaving or equivalent standing.

Note A: No student may proceed to the higher examination until he has completed all the requirements of the lower.

Note B: Candidates may qualify either as vocal *or* instrumental specialists. See alternative requirements listed below.

Note C: Courses marked with an asterisk—students are permitted to attend the regular University classes in these subjects.

Note D: Graduates of normal schools are exempt from the requirements headed "academic" and "education", provided that these subjects were included in their training and that a pass grade was obtained.

1. ACADEMIC:

*English. (Grade XII or 1st year University.)

2. EDUCATION:

*(*a*) Psychology.

*(*b*) School Management and Law.

(*c*) Music methods and materials for grades 1-3.

(*d*) A minimum of twenty-five hours observation and practice teaching under supervision.

3. APPLIED MUSIC:

(*a*) Pianoforte (Elementary Grade).

(*b*) Singing (Senior Grade)

or

Solo instrument—string, reed or brass (Senior Grade).

(*c*) Sight reading, transposition and improvisation at the keyboard.

(*d*) Sight singing (for vocalists only).

(*e*) Aural Training.

4. THEORETICAL:

(*a*) Harmony (Intermediate Grade).

(*b*) Strict Counterpoint in two parts—first and second species only.

Note: Marks of seventy per cent or over are required in harmony and counterpoint.

(*c*) Outlines of Music History (Highest Grade).

(*d*) Form and Analysis (Highest Grade).

SECOND YEAR

See Notes A, B, C, and D for First Year Course.

1. ACADEMIC:

*English Composition (Grade XII or 1st year University).

2. EDUCATION:

*(*a*) Education Psychology.

(*b*) Vocal methods and materials for grades 4-7.

or

Instrumental methods and materials for Elementary Grades.

(*c*) Music appreciation methods and materials for Elementary Grades.

(*d*) A minimum of 25 hours observation and practice teaching under supervision.

3. APPLIED MUSIC:

(*a*) Pianoforte (Junior Grade).

(*b*) Singing (Highest Grade),

or

Solo instrument—string, reed or brass (Highest Grade).

(*c*) Sight reading, transposition and improvisation at the keyboard.

(*d*) Part singing (Vocalists only).

(*e*) Aural Training.

(*f*) Choral *or* Instrumental conducting for Elementary Grades.

4. THEORETICAL:

(*a*) Harmony (Senior Grade).

(*b*) Strict counterpoint in two parts—all species.

Note: Marks of seventy per cent or more are required in harmony and counterpoint.

(*c*) Musical history—1600-1900.

(*d*) Principles of Form and Analysis.

CHAMBER OPERA DEPARTMENT

As a Second Subject for Diploma Requirements the following courses may be taken.

COURSES IN THE THEATRICAL REQUIREMENTS FOR OPERATIC PRESENTATION

In addition to providing stage training for vocal students these courses are designed to instruct students who are not singers in the requirements of operatic stage direction and production.

Note: Courses 1 and 2 may be taken concurrently.

1. BASIC STAGE TECHNIQUE

Students will receive class instruction in movement, gesture, elocution, and interpretation of dialogue, and will take part in a suitable capacity in the production of a Ballad Opera.

Examination: One written paper on acting techniques. Candidates will also be graded on their practical class work during the session.

2. STAGE TECHNIQUE: DIRECTION AND PRODUCTION

Lecture classes will include the study and preparation for performance of short works representative of various styles, i.e., Classic Opera—Buffa —Ballad—Light, etc.

Students will be required to assist in the preparation of the production in Course 1.

Examination: One written paper on direction and production.

Viva Voce. Candidates will be required to answer questions on acting styles and direction, demonstrating where necessary.

On the completion of courses 1 and 2 the student may proceed to a specialized course in acting, direction, or production.

LOCAL CENTRE EXAMINATIONS IN MUSIC

(For Centres with Hon. Local Representatives, see pages 2153 to 2157).

Recognizing the necessity of helping to raise the standard of musical education in Canada, and at the same time to bring the influence of competent examiners to bear upon instruction, McGill University holds local examinations throughout the Dominion. In view of the fact that it grants Degrees in Music and Diplomas of Associate and Licentiate in Music, the University extends its field of work by means of these local examinations, which are preparatory to those for Degrees and Diplomas.

The Examiners are appointed by the Board of Governors of the University, the Chairman of the Examining Board being Professor Douglas Clarke, Dean of the Faculty of Music and Director of the Conservatorium.

GENERAL REGULATIONS

1. All fees must be paid in advance direct to the Secretary of McGill University Conservatorium of Music who will supply forms of entry. These can also be obtained from the local hon. representatives or local hon. secretaries. (See page 2153 to 2157).

2. A local representative of McGill University will supervise the conduct of the theoretical examination at each centre. All papers will be sent to McGill University itself.

3. Every certificate gained by candidates in any of the public examinations will bear the imprimatur of McGill University.

4. The Principal of a school may arrange with the Secretary to send an examiner to report on the musical education gained at the school. No individual certificates will be awarded in this case, but merely a collective detailed report drawn up by the examiner and sent to the Principal of the school. (See page 2200.)

5. Similar arrangements may be made with regard to Class Singing. (See page 2200.)

6. In case of a candidate being prevented by serious illness from attending any examination, the Secretary is authorized, on receipt of a medical certificate, to transfer a candidate to the next examination without further fee.

7. Examinations will be arranged by the Secretary when required and new centres formed.

ADVICE TO TEACHERS AND CANDIDATES

1. Candidates are advised not to attempt too high a grade when first entering for the local examinations, which are arranged in a systematic course of progressive grades, beginning with the Preparatory grade and leading on through the Diploma examinations for Associate and Licentiate of Music to that for the Degree of Mus.B.

2. Teachers as well as candidates are urged to regard the particular studies and pieces selected for examination in any one grade as indicating the degree of difficulty, and not to confine their attention for a whole year to the preparation of two or three examination pieces.

3. In preparation, teachers and pupils should use music of a lower grade at the beginning of the winter, and should not begin too early with the actual pieces selected for examination at the end of the session. Lack of interest often ensues from the monotony entailed by candidates concentrating their whole attention on the examination book for too long a period.

REGULATIONS FOR LOCAL CENTRE EXAMINATIONS FOR CERTIFICATES

1. Theory examinations are held throughout the Dominion about May 1st. No definite date is assigned but the examinations will be held during the first week in May. Due notice will be given to the Local Hon. Secretaries. Candidates wishing to take an examination in a practical subject in the same year as the theoretical examination, if unsuccessful in the latter, can still proceed to the practical examination, and if they satisfy the examiner or examiners in this, they must present themselves at a supplemental theoretical examination held later in the same year, which, if they pass, entitles them to receive the certificate for the practical examination. A special charge for this supplemental examination is found under fees on page 2157.

2. Practical examinations are held during May, June, and July.

3. For both theoretical and practical local examinations, forms of application, duly filled in by the candidate, and accompanied by the examination fee, *must reach the Secretary in Montreal on or before April 1st.*

4. Certificates will be awarded to successful candidates in both theoretical and practical subjects.

5. These certificates do not entitle the holders to append any letters to their names.

6. The maximum number of marks in each practical and theoretical subject is 100 of which 60-69 is "Pass", 70-79 "Honours"; 80-89 "Distinction, 90-94 "High Distinction", 95-100 "Very High Distinction".

In the event of a candidate obtaining a bare pass or a mark lower than 65, consideration should be given as to the advisability of further study before proceeding to the work of the next grade.

7. No special text-books are prescribed for theoretical examinations, and no particular method or style is specified for practical examinations. For the convenience of teachers and candidates the University publishes, in separate books for each grade, the studies and pieces required for the Pianoforte Examinations, which can be obtained direct from the General Secretary or from various local music dealers.

8. Candidates presenting a study or piece not prescribed by the current syllabus, run a risk of being disqualified. Only the grade books for the current year shall be used for examination work.

9. Candidates entering for practical subjects must, in all grades except the three last (Elementary, Primary and Preparatory), work a theory paper of the preceding lower grade before the practical certificate will be released.

10. Only one candidate at a time is allowed to be in the examination room for practical examinations.

11. The accompanist for all examinations, where one is needed, is allowed to be in the examination room only so long as he is accompanying.

12. The examiner's decision is final, and cannot be reconsidered.

13. The possession of certain certificates granted by other institutions may except the holder from the necessity of taking the Theoretical part of the Local Examinations. In making application for exemption

the holder of such certificates must give explicit information to the General Secretary at least one month before the date of the examination, and be prepared to produce the original certificate, if required.

14. The possession of certain certificates gained in the Local Examinations will entitle the holders to claim exemption from certain parts of the examinations for the Diplomas of Associate and Licentiate in Music. should they at a later date decide to proceed to the higher examinations for those diplomas.

LOCAL CENTRES

The following places have been adopted as centres for public examinations in Music; others will be added as necessity requires, but in all cases the establishment of a centre depends upon a sufficient number of candidates applying. All examinations for Certificates in the Local Grades, as well as some of those for Degrees and Diplomas, are held at these centres:

AMHERST	*Hon. Representative:* The Rev. H. C. Olsen. *Hon. Secretary:* Mrs. Geo. R. Shiers, 35 Robie St.
ASSINIBOIA	*Hon. Representative:* The Superintendent of Schools.
AYLMER	*Hon. Secretary:* Rev. C. H. Dawes, B.A., B.D., Box 45A.
AYLSHAM	*Hon. Representative:* B. Dressler, Esq., Principal of the High School. *Hon. Secretary:* Mrs. R. S. Valleau, Moose Range, Sask.
BRANDON	*Hon. Representative:* Principal of Brandon College Institute.
BROCKVILLE	*Hon. Representative:* Rev. Stanley Kerrison, Frankville, Ont. *Hon. Secretary:* _____
CALGARY	*Hon. Representative:* A. Calhoun, Esq., City Librarian, Public Library.
CAMPBELLTON	*Hon. Secretary:* Miss Laura Alford.
CAMPBELL'S BAY	*Hon. Representative:* Rev. J. L. Enright. *Hon. Secretary:* Sister Philippe, St. Joseph's Convent.

CHAPEAU	*Hon. Representative:* Rev. Dean J. Kimpton, St. Joseph's Convent. *Hon. Secretary:* St. Joseph's Convent.
CHARLOTTETOWN	*Hon. Representative:* H. H. Shaw, Esq., B.Sc. *Hon. Secretary:* Miss E. Lillian McKenzie, Mus.B. (McGill), Conway Apartments, Orlebar Street.
COOKSHIRE	*Hon. Representative:* ——— *Hon. Secretary:* Miss E. J. Ball.
CRANBROOK	*Hon. Representative:* Principal of the High School. *Hon. Secretary:* Mrs. D. Finlayson.
EDMONTON	*Hon. Representative:* Dean Robert Hardy, University of Alberta. *Hon. Secretary:* Mrs. O. J. Walker, L.Mus. (McGill), 11103 Saskatchewan Drive.
FERNIE	*Hon. Representative:* Sydney Crookes, Esq. *Hon. Secretary:* Miss S. E. West.
FORT QU'APPELLE	*Hon. Representative:* W. H. Thompson, Esq.
FREDERICTON	*Hon. Representative:* The Very Reverend Spencer C. Gray, The Deanery. *Hon. Secretary:* W. J. Smith, Esq., A.R.C.O., 679 Churchill Row.
GLACE BAY	*Hon. Representative:* ——— *Hon. Secretary:* Mrs. A. Ferguson, 7 Catherine St.
GLADSTONE	*Hon. Representative:* Dr. E. H. Whelpley. *Hon. Secretary:* David B. McHardy, Esq., 200 Manderville St., Winnipeg.
GRANBY	*Hon. Representative:* Dr. G. A. Runnells, 35 Dufferin Street. *Hon. Secretary:* ———
HALIFAX	*Hon. Representative:* The Rev. S. H. Prince, University of King's College. *Hon. Secretary:* Miss Shirley Hoyt, 3 College St.
INDIAN HEAD	*Hon. Representative:* Dr. F. W. Hart.

KAMLOOPS	*Hon. Representative:* Mr. P. H. McCurrach, B.A.
KENTVILLE	*Hon. Representative:* The Rev. W. Fraser Munro. *Hon. Secretary:*
KERROBERT	*Hon. Representative:* R. L. Hanbidge, Esq., K.C. *Hon. Secretary:* Miss Gladys Nault.
KIMBERLEY	*Hon. Secretary:* Mrs. T. A. Martin.
LETHBRIDGE	*Hon. Representative:* A. J. Watson, Esq., Supt. of Schools, Central School. *Hon. Secretary:* Miss Jennie King, Coaldale, Alta.
LIVERPOOL	*Hon. Representative:* The Rev. J. M. C. Wilson. *Hon. Secretary:* Miss Evelyn Rieser, L.Mus., (McGill)
MAXVILLE	*Hon. Secretary:* Miss Netta McEwen, Box 294.
MELFORT	*Hon. Representative:* J. N. Gale, Esq., P.O Box 280. *Hon. Secretary:*
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FEES FOR LOCAL EXAMINATIONS

1.—THEORY OF MUSIC (when taken as a Special Subject)

Highest Grade	$ 9.00
Senior Grade	5.50
Intermediate Grade	4.00
Junior Grade	3.00
Elementary Grade	2.00

2.—PRACTICAL SUBJECTS

Highest Grade, *including fee for Senior Theory*	$12.00
Senior Grade, *including fee for Intermediate Theory*	10.00
Intermediate Grade, *including fee for Junior Theory*	7.50
Junior Grade, *including fee for Elementary Theory*	6.00
Elementary Grade	3.50
Primary Grade	2.50
Preparatory Grade	1.00
Duet Playing examination covering both entrants	1.50

3.—SUPPLEMENTARY THEORETICAL EXAMINATION

Fee for three highest grades (each paper)	$2.00
Fee for the two lowest grades	1.50

4.—GENERAL SCHOOL EXAMINATION

Fee, $20.00 for first hour and $10.00 for each succeeding hour. (One examiner.)

5.—CLASS SINGING EXAMINATION

Fee, $10.00 per class. (One examiner.)

All remittances for fees should be made payable to McGill University.

LOCAL CENTRE EXAMINATIONS IN THEORETICAL MUSIC

These examinations are divided into five grades, and Certificates in each grade will be awarded to successful candidates.

HIGHEST GRADE—Harmony in four parts, up to chords of the major and minor dominant ninth and secondary sevenths, including the use of suspensions and passing notes (harmonizing of melodies and figured and unfigured bass, the completing of a harmonic sentence from a given pattern); the writing of a short passage introducing specified chords. The candidate will be required to take down from dictation a short and simple melody which will be played three times;

Counterpoint in two parts; Analysis, together with elementary knowledge of form, questions being based upon the candidate's previous study of the pieces given in this year's Highest Grade, List A. Pianoforte Book (a copy of which will be provided for the candidates in the examination room), and the outlines of musical history. The examinations in this grade consist of two papers. One paper deals with Harmony and Counterpoint, and the other with History of Music, and Analysis and Form.

SENIOR GRADE—More advanced questions on the work specified for the Intermediate Grade. A knowledge of musical ornaments or graces and of syncopated time, analysis of given chords or passages and the harmonization of an easy melody and of an unfigured bass. Candidates will also be required to write an original tune of from four to eight bars and indicate the harmony by figuring and directs; to add a contrasted tune to one given (*this is compulsory*), and to *add* phrase marks. *Care should be taken, in writing the tune, to avoid the interval of an augmented 4th and to obtain a judicious mixture of conjunct and disjunct movement. In harmony questions generally candidates should consider the possibiltiy of introducing the supertonic chord.*

N.B.—Special attention is paid by the examiners to the working of the harmony questions. A definite percentage of marks is required in these questions in order to pass.

INTERMEDIATE GRADE—A knowledge of the C clefs, the transposition of a given passage, the barring (and pre-fixing of time and key signatures of given passages and (in both original and inverted positions) triads) common chords, chords of the dominant seventh with resolution on the tonic chord and chords of the augmented 6th. In addition to the above, the harmonization by means of simple chords in three or four parts of short phrases with either melody or figured or unfigured bass or both if given. Candidates are required to write a tune of their own of from four to eight bars and add another to it, so as to produce a piece of flowing 2-part writing. They are also required to analyse the chords in a given passage, and point out errors of part-writing or poor chord construction in a given passage.

N.B.—Special attention is paid by the examiners to the working of the harmony questions. A definite percentage of marks is required in these questions in order to pass. (See special note regarding melody and harmony questions under Senior Grade.)

JUNIOR GRADE—Transposition from treble to bass and vice versa, the more extreme key signature and scales, marks of expression, including the translation of Foreign terms into English and vice versa, a knowledge of triads, technical names of notes for scale degrees, intervals and their inversion, grouping of incorrectly grouped notes according to the time signature used.

ELEMENTARY GRADE—The following are the requirements:—A knowledge of staves, G and F clefs, notes, dots, rests, leger lines, time signatures, key signatures (major and minor), writing scales, the more common marks of expression, easy intervals, and the writing of two simple tunes, each of two bars, on a given pattern; the tunes should have some character. Completing bars with notes or rests.

N.B.—Specimens of examination papers used for all Grades during the last few years can be obtained from the Secretary, McGill University Conservatorium of Music, at 10 cents per copy of each grade.

Special Note:—Leaflets have been specially prepared as a guide on certain points for the use of teachers preparing candidates for the theoretical examinations. These will gladly be sent to anybody interested.

LOCAL CENTRE EXAMINATIONS FOR CANDIDATES IN PRACTICAL SUBJECTS

PIANOFORTE

See requirements and table of marks at the end of this section on Pianoforte regulations.

Official books containing the pieces required for the Pianoforte Examinations in all the seven grades of the local examinations, can be obtained, either from the Secretary, McGill University Conservatorium of Music, Montreal, or from any music dealer in the Dominion.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major, minor (both forms) and chromatic, in all keys, in similar and contrary motion, at the octave, third, sixth or tenth, with staccato or legato touch, and beginning from either the highest or lowest note, as may be required; major and minor scales also in similar motion in double octaves in all keys.

2. *Arpeggios.* Common chords, dominant 7ths and diminished 7ths, in all positions at the interval of an octave only, starting on the highest or lowest note with staccato and legato touch.

NOTE:—Scales and arpeggios should be played at as fast a speed as is consistent with clarity and accuracy and without group accentuation.

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic interval above or below any given note which may be struck by the examiner; to say whether a common chord is major or minor, and to recognize the chord of the dominant 7th in its root position when it is struck.

A rhythmical test is also given (which the candidate is required to tap or sing) as well as a melodic test which the candidate must hum, sing, or play on the piano after the examiner.

4. *Reading at Sight.* Candidates must be prepared to read a test which will be of about the same difficulty as the pieces set for prepared work in the Intermediate Grade.

5. *Prepared Work.* The whole of either List A or List B published in separate books and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music, in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked on the form, modulations, and marks of expression, etc., found in the pieces. In connection with the questions on form candidates are recommended to read Macpherson's "Form in Music" (published by Joseph Williams).

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major, minor (both forms) and chromatic similar motion through four octaves and contrary motion through two octaves, played legato at the rate of about 4 notes to M.M. 120, and played staccato at about M.M.90, beginning with the highest or lowest note as required and at the octave only. Also all scales in 3rds in similar motion only. All scales must be played forte or piano as required.

2. *Arpeggios.* All major and minor common chords through four octaves, also dominant and diminished 7ths, time to be about 4 notes to M.M. 100 played legato and M.M. 72 played staccato. These arpeggios, also to be played in the inversions if required, at about 4 notes to M.M. 72. All arpeggios must begin from the highest or lowest note as required and be played forte and piano.

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. Candidates will be required to sing or hum *any one* of three notes played together, and also a short phrase played by the examiner.

4. *Reading at Sight.* The music will not be more difficult than the pieces set for the Junior Grade.

5. *Prepared Work.* The whole of either List A or List B published in separate books, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. When there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the key, time and meaning of signs used in the pieces prepared by the candidate. In addition an intelligent musical understanding of the pieces is expected such as simple elements of construction.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination, the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major and minor (both forms) in all keys, also chromatic scales through four octaves, each hand separately and both together in similar motion, beginning either on the lowest or highest note legato and staccato, speed to be about 4 notes to M.M. 92 legato and M.M. 72 staccato, piano and forte.

2. *Arpeggios.* All major and minor common chords, with inversions, through four octaves, separately and together, beginning from either the highest or lowest note.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C. G. or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. Candidates will be required to hum or sing a short phrase played by the examiner.

4. *Reading at Sight.* A test consisting of music of about the same difficulty as the pieces set for the Elementary Grade.

5. *Prepared Work.* The whole of either List A or List B, published together in one book, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the time, key and meaning of signs used in the pieces prepared by the candidates.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major and minor (both forms, harmonic and melodic, but the latter only hands separately) and chromatic scales in similar motion only, in all keys through two octaves, beginning from either highest or lowest note and played forte or piano with separate hands and both hands as required, at a speed of about 4 notes to each M.M.80.

2. *Arpeggios.* Extended arpeggios of common chords in all major and minor keys in root position through two octaves, each hand separately and together.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, or F as given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A test is set of which the difficulty will be similar to that of the pieces in the Primary Grade.

5. *Prepared Work.* The whole of either List A or List B, published together in one book and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the various prepared pieces.

ELEMENTARY GRADE

Candidates are not required to take any written theoretical examination before presenting themselves for this examination.

1. *Scales.* The major scales of C, G, D, A, F. B flat and E flat, and their relative minors (harmonic form only), with separate hands and both hands through two octaves, beginning with highest or lowest note, also piano or forte, as required, at a speed of about two notes to each M.M. 88.

2. *Arpeggios.* Major and minor, the same keys as the above scales, each hand separately, through two octaves, in root form only.

3. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lowest note, to name the major or minor 3rd, perfect 5th and perfect octave from that note.

4. *Reading at Sight.* Two easy tests will be given, one for the right hand alone and one for the left hand alone.

5. *Prepared Work.* The whole of either List A or List B, published together in one book, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Easy questions will be asked on the marks of expression, key and time of the pieces prepared, also as to the values of the notes and rests and the signatures.

PRIMARY GRADE

Candidates are not required to take any written theoretical examination before presenting themselves for this examination.

1. *Scales.* Major scales, C, G, D, F and B flat, and their respective relative minors, in harmonic form only, with one hand at a time through two octaves, beginning with the lowest note at a speed of (a) *one note to each M.M. 100* (*b*) *two notes to each M.M. 100.*

2. *Arpeggios.* Major form only, 2 octaves, starting from the lowest note, hands separately, in root form only in keys of C, G, D, F and B flat.

3. *Prepared Work.* The whole of either List A on List B, published together in one book, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

4. *Questions.* A few questions will be asked on the notes and rests found in the prepared pieces.

Marks

The following system is adopted:—

	Primary	Elementary Junior and Intermediate	Senior and Highest
Scales	13	13	15
Arpeggios	13	13	15
Accuracy as regards Notes and Rests and correct system of Fingering	14	14	..
Tempo (including in the higher grades, if piece demands it, Tempo Rubato)	10	10	..
Expression (including in the higher grades use of pedals)	10	10	12

Touch, Rhythm, Phrasing and Accent and Interpretation	12	12	28
Reading at sight	..	12	12
Ear tests	..	10	10
Questions	6	6	8
Proper position of hands and arms.	12	..	..
Movement of fingers	10	..	..
	100	100	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

PREPARATORY GRADE

This is now the earliest examination which it is possible to take in the Local Centre Examinations. There is no theoretical examination.

The candidates will be required to play:—

(1) Short exercises, for separate hands, to illustrate legato playing and phrasing.

(2) Four short pieces for both hands.

(3) Scales C.G.F., major form only, hands separately, two octaves.

(4) Ear tests.

This examination is designed to meet the needs of beginners studying privately as well as those taking the first year course in Pianoforte Class Instruction in schools.

All the music, with specimen ear tests, is published by McGill University and can be obtained in one volume, price 15c.

	Marks
Scales	15
Exercises	15
Pieces	40
Ear tests	30
	100

The Oxford Piano Course and the Kammerer have been discontinued.

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

EXAMINATION IN PIANOFORTE DUET PLAYING

In order to encourage the mutual making of music and to stimulate the

interest of young performers, examinations are held in pianoforte duet playing in the Elementary Grade. The requirements are:—

(1) The playing of two or three simple duets of Elementary Grade difficulty.

(2) The major scales of G, F and D played as duets through two octaves. The players will play together one hand at a time (starting two octaves apart) and two hands together (starting one octave apart.)

(3) Ear tests. Simple rhythmical tests will be given. For instance, a tune of one bar will be played and the candidates will tap (together) the rhythm. The examiner will then play a short and easy passage having one chord to a beat and the candidates will be required to clap the beats during the playing. (The test will be played over first.) Candidates will also be required to hum or sing a passage of about 6 notes, equal in length, which will be played over three times on the pianoforte.

(4) Questions on the notes and rests will be asked, also on the times and keys of the prepared pieces.

(5) Sight reading. Candidates will be required to read a very simple duet, one hand only to each part.

Fee (covering both entrants) $1.50. Only one application (with names, etc., of both candidates) need be sent in.

Marks for Duet Playing Examination

Scales	20
Accuracy as regards Notes and Rests and correct system of fingering; sight reading	30
Touch, Rhythm, Phrasing, Accent and Expression	20
Ear tests	20
Questions	10
	100

Pass Marks 60-69 Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

VIOLIN

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). All major and both forms of all minor scales (three octaves). The chromatic scales of C (two octaves) beginning on

the G string and E beginning on the D string. Slurred and detached bowing.

2. *Arpeggios.* In all major and minor keys, and dominant and diminished 7ths, through three octaves, one note to a bow, and slurred (one bow ascending and one descending.)

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic intervals which may be struck by the examiner above or below the given note; to be able to say whether the common chord is major or minor, and to recognize a chord of the dominant 7th in its root-position when it is struck (on the pianoforte). A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the violin after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test which will be of about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.* (a) Three Studies:—Candidates may choose any one of Kreutzer's Etudes between Nos. 23 and 42 includive, and also any one of Rode's Caprices and also any one of Fiorillo's Etudes.

(b) Concerto No. 19	KREUTZER
or Concerto in E minor	NARDINI
or La Folia	CORRELLI-LEONARD
or Sonata in E minor	VERACINI
(c) Sixth Partita in E major, for violin alone (First movement only.)	BACH
or	
Concerto in E major	BACH

6. *Questions.* Questions will be asked on the form, modulation, and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). All major and both forms of minor scales through three octaves. Slurred and detached bowing.

2. *Arpeggios.* All major and minor keys through three octaves, one note to a bow and slurred (one bow ascending and one descending).

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave, above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate will be required to tap or sing) as well as a melodic test which the candidate must hum, sing, or play on the violin after examiner.

4. *Reading at Sight.* The music given will not be of greater difficulty than the pieces set for the Junior Grade.

5. *Prepared Work.*

Studies.

No. 18, Thirty Special Studies, Op. 36	MAZAS
No. 10	KREUTZER
No. 15	FIORILLO

Pieces.

Concerto, No. 23, First or Last Movement	VIOTTI
or Sonata in G minor	TARTINI
or any one of Six Sonatas	HANDEL

6. *Questions.* Questions will be asked as to the key, time, and meanings of signs used in the prepared work.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must be passed. (*See page 2159.*)

1. *Scales* (from memory). See footnote on page 2170.

G major, A major, B flat major, B major and their tonic minors, through 3 octaves. Minor scales to be played in both forms. All to be played detached and 3 notes to a bow.

2. *Arpeggios.* Keys same as for scales, through 3 octaves.

(a) One note to each bow.

(b) Three notes slurred to each bow.

3. *Reading at Sight.* A test consisting of music of about the same difficulty as pieces set for the Elementary Grade.

4. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C, G or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the violin after the examiner.

5. *Prepared Work.*

Studies.

No. 7 of Thirty Special Studies, Op. 36	MAZAS
Nos. 21 and 29, Op. 20	KAYSER

Pieces.

Second Concertino, Op. 14 (published by Schott)	R. ORTMANS
or Concertino, Op. 31, 1st *or* Last Movement	SITT
or Concerto No. 3, Op. 12, 1st Movement	SEITZ
or Concerto No. 4, 1st Movement	SEITZ
or Concerto in A minor	VIVALDI

6. *Questions.* Questions will be asked as to the time and the meaning of signs used in the pieces prepared.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). See footnote. Two octaves of the following:— C major and minor, 2nd position. B flat major and minor in 2nd position. D major and minor in 3rd position and in 4th position. Minor scales to be played in both forms.

(a) One note to each bow.

(b) Two notes slurred to each bow.

2. *Arpeggios.* Two octaves in the following keys: G major and G minor, D major and D minor.

(a) One note to each bow.

(b) Three notes slurred to each bow.

N.B.—Ritter's Violin Scale Book may be used in preparation for this grade as well as those below it.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, *or* F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the violin after the examiner.

4. *Reading at Sight.* An easy test is given about the difficulty of the pieces in the Primary Grade.

5. *Prepared Work.*

Studies.

Nos. 9, 12, Op. 20 — KAYSER

No. 42, Op. 32, Book 3 — SITT

Pieces.

First *or* last movement, Sonatina No. 3 (Carl Fischer) — R. HOFMAN

or Allegro entusiastico (Carl Fischer) — PUGNANI-MOFFAT

or Fragment of a Sonata (Carl Fischer) — DANCLA

or Melody (Carl Fischer) — LULLY-SPALDING

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and the time of the prepared pieces.

ELEMENTARY GRADE

No written examination in theory need be passed by candidates before entering for this examination.

1. *Scales* (from memory). See footnote on page 2170.
G, A and B (major and minor) in two octaves, 4 notes to each bow.

2. *Arpeggios.* G major and G minor in first position only, through two octaves.

(1) One note to the bow.

(2) Three notes to the bow.
(Minor Scales in melodic form only.)

3. *Ear Test.* To name by interval or note (as candidates prefer) with middle C, G or F as the given note, any note of the diatonic major scale, struck or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A very easy piece is given.

5. *Prepared Work.*

Studies.

No. 1, Op. 20 (played with four different bowings) — KAYSER
No. 7, Op. 20 — KAYSER
Concertino in first position, Op. 93 — HANS SITT
First or last movement.
or Concertino, No. 5—Op. 22 — SEITZ
or Concertino in B minor, Op. 35 (in first position) — RIEDING
or any two of "Four Easy Pieces" — DUNCAN-RUBBRA
(Oxford Univ. Press)

6. *Questions.* Questions will be asked on notes, rests, marks of expression, time of pieces and studies, and on key signature.

PRIMARY GRADE

No written examination in theory need be passed by candidates before entering for this examination.

1. *Scales* (from memory). See footnote on page 2170.

Scales in G major and minor, and A major and minor in two octaves, also D major and minor and F major in one octave, one note to each bow.

(Minor Scales in melodic form only.)

2. *Prepared Work.*

Studies:

Violin Method, Op. 6, Part 2, No. 13 — SEVCIK
or Exercise No. 2, Op. 74, with different bowings — WOHLFARTH

Pieces:

Theme with Variations, Op. 57 — PAPINI
or Prière, Op. 22, No. 4 (Bosworth Ed.) — RIEDING
or Mazurka — HERBERT KINGSLEY
or Marche Militaire — ADAM CARSE
(Published by Joseph Williams)

or Valsette, Op. 33, No. 2	JOSEPH BLOCH
or A Bed-time Song	GORDON JACOB

3. *Questions.* Questions will be asked on the notes and rests found in the prepared pieces.

4. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lower note, to distinguish between the major or minor 3rd, perfect 5th, and perfect octave from that note.

Marks

In all the Grades with the exception of the Primary, the following system of marking is adopted for Violin, Viola and Violoncello:—

Posture	5
Scales and Arpeggios	12
Technical Studies and Exercises	10
Bowing	8
Accuracy of Notes and Rests	8
Tone Production	10
Intonation, including Tuning	8
Rhythm, Phrasing, Accent and Graduation of Tone	10
Tempo (including in higher grades, if piece demands it, Tempo Rubato)	5
Questions	6
Ear Tests	10
Sight Reading	8
Total	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

In the Primary Grade, Sight Reading is not required; the marks allotted to this are distributed as follows:—

Accuracy of Notes and Rests	10 instead of 8
Rhythm, Phrasing, Accent and Gradation of Tone	14 instead of 10
Strictness of Time and Choice of Tempo	7 instead of 5

In every other respect the marking is as in above schedule.

VIOLONCELLO

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major and minor scales in all keys through three octaves (minor scales in melodic form only.)

2. *Arpeggios.* All major and minor, through three octaves.

3. *Ear Tests.* Candidates must be able to name either by interval or by note (as they may prefer), any diatonic or chromatic interval which may be struck by the examiner above or below the given note; to say whether the common chord is major or minor, and to recognize a chord of the dominant 7th in its root position, when it is struck (on the pianoforte). A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the 'cello after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test, which will be about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.*

Study No. 7 (Litolff Ed.) *or* Caprice — J. L. DUPORT

and

One of the Studies of — FRANCHOMMA *or* GRUTZMACHER

and

Two movements any Bach Suite

and

First movement Concerto in D major — DAVIDOFF

or

Sonata in G major (Ed. Simrock) — J. B. BREVAL

6. *Questions.* Questions will be asked on the form, modulation, and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). All major and minor scales compass three octaves (minor scales in melodic form only).

(a) Detached.

(b) Slurred, 2, 4 or 8 notes to a bow.

2. *Arpeggios.* All major and minor, through three octaves.

3. *Technical Studies.*

Studies Nos. 4 and 6 (Berners Ed. No. 102a) — A. H. Earnshaw

or

Any two Studies — Duport

4. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals, within the limits of an octave, above or below, any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

5. *Reading at Sight.* The music given will be about the same difficulty as the pieces set for Junior Grade.

6. *Prepared Work.*

Any two of "Six Airs arranged for 'cello" (Oxford University Press) — J. Barbirolli

or

One movement of any Goltermann Concerto.

In addition, the following two pieces:

Berceuse (published by Hawkes & Son, London) — W. Alcock

Elegie — G. Fauré

7. *Questions.* Questions will be asked on the form, modulation and marks of expression in the pieces prepared.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). In all the major and minor keys through two octaves.

(a) Detached.

(b) Slurred, two notes to a bow, and four notes to a bow.

2. *Arpeggios.* All major arpeggios through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with either middle C, G or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

4. *Reading at Sight.* A test consisting of music about the same difficulty as the pieces set for the Elementary Grade.

5. *Prepared Work.*

Studies:

Any two advanced studies	DOTZAUER
Nos. 1 and 2 (Litolff Edition, No. 1520)	MERK
No. 9—Exercises (Litolff)	DUPORT
or Nos. 19, 20, 22, 24, 25 and 27 from Progressive Studies for the Violoncello	WHITEHOUSE

Pieces:

Sicilienne from Nina	PERGOLESE
Gavotte	GOSSEC
1st movement, Concerto in A	GOLTERMAN

6. *Questions.* Questions will be asked as to the time, key, and meaning of signs used in the pieces prepared by the candidates.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). The major scales of E, A, D, A flat, E flat and B flat, and the minor scales of C sharp, F sharp, B, F, C, and G, through two octaves.

2. *Arpeggios.* Same keys as for scales through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test

is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

4. *Reading at Sight.* An easy test will be given.

5. *Prepared Work.*

Studies:

Nos. 35 and 51. Studies for the Young Cellist — L. FEUILLARD
Nos. 10 and 33 from 113 Studies — DOTZAUER

Pieces:

Gavotte—Op. 5 (Augener Edition No. 7704b) — W. H. SQUIRE

Also one piece to be selected by the teacher.

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the pieces prepared.

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Scales* (from memory). Major scales of C, G, D and F; minor scales of A and D, through two octaves.

2. *Arpeggios.* Same keys as for scales, through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A very easy piece will be given.

5. *Prepared Work.*

Studies:

Nos. 11 and 17. Studies for the Young Cellist — L. FEUILLARD
No. 4 from 40 Studies, Op. 31 — LEE
or Nos. 11, 12, 16, and 18 from Progressive Studies for the Violoncello — WHITEHOUSE

Pieces:

A Jig. Cradle Song (From Five Irish Folk Tunes) — HOWARD FERGUSON

6. *Questions.* Easy questions will be asked as to the notes, rests, marks of expression and time of pieces and studies; also questions on key signatures.

DOUBLE BASS

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales*
2. *Arpeggios*
3. *Ear Tests*
4. *Reading at Sight*

As for Violoncello, pages 2174-2178.

5. *Prepared Work.* Candidates may select works from the repertory of classical and modern composers, and are advised to submit choice to the Dean for approval.

6. *Questions.* Questions will be asked on the form, modulation and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales*
2. *Arpeggios*

As for Violoncello, page 2174.

3. *Technical Studies.*

30 Technical Studies	LABRO
10 Studies	FIORILLO
10 Studies	KREUTZER

4. *Ear Tests*
5. *Reading at Sight*

As for Violoncello, page 2175.

6. *Prepared Work.*

Concerto in A major	KOUSSEVITSKY
or	
Concerto in G major	DRAGONETTI
and	

Bass parts from Quintet No. 5 — PROKOFFIEF
and
Bass parts from Puchinella Ballet — STRAVINSKY

7. *Questions.* Questions will be asked on the form, modulation and marks of expression in the prepared work.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). In all the major and minor keys through two octaves. Detached, 2, 4, 6, 8, 12, 16, notes to the bow. In eight notes and sixteen, also combination of rhythms at M-80. Triplets, 3, 6, 9 notes to the bow.

2. *Arpeggios* on the same basis as above.

3. *Ear Tests*
4. *Reading at Sight* } As for Violoncello, pages 2175 and 2176.

5. *Prepared Work.*

Studies:

From Labro's or Nanny's method to the 7th and thumb positions.

10 Studies — KREUTZER
or
Virtuoso Studies — NANNY
or
30 Technical Studies — LABRO

Pieces:

Concerto in B flat — VERRISMT
and
Bass part from one of the following:
Symphony No. 1, 3, 5, 7, or 9 — BEETHOVEN
or
Symphony No. 35 — MOZART
or
Symphony in G Minor — MOZART
or
Symphony No. 1, 2, 3, or 4 — BRAHMS

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). Major scales of F, G, B flat, A, E, F sharp; and minor scales (harmonic) F, E, G, A, B, in quarter notes, eighth, and triplets, in 8 notes to the bow (M-80).
2. *Arpeggios.* Same keys as for scales through two octaves.
3. *Ear Tests.* As for Violoncello, page 2176.
4. *Reading at Sight.* An easy test will be given.
5. *Prepared Work.*

Studies:

Labro's or Nanny's Method up to 4th position.

Pieces:

"The Elephant" (from Carnival of Animals) — SAINT SAENS

Bass part—Recitativo from 9th Symphony — BEETHOVEN

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Scales* (from memory). Major scales F, G, B flat, A, E, F sharp; and minor scales (harmonic) F, E, G, A, B, in quarter notes detached and bowed.
2. *Arpeggios.* Same keys as for scales through two octaves.
3. *Ear Tests.* As for Violoncello, page 2177.
4. *Reading at Sight.* A very easy piece will be given.
5. *Prepared Work.* Studies of Labro's or Nanny's method up to the second position.

VIOLA, HARP, AND WIND INSTRUMENTS

In each of these there are only five Grades. The requirements for each Grade can be obtained on application to the Secretary of the Examining Board.

ORGAN

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* All major and minor (both forms), also chromatic scales played at varying degrees of speed.

(a) Pedals only, for one and two octaves.

(b) Manuals only, hands together at 8ve, 3rd, and 6th for three octaves.

(c) One hand and pedals combined, in similar and contrary motion from the octave or unison for one and two octaves.

2. *Technical Studies in Pedal Playing.*

Part II, Section II, Nos. 20-59 inclusive — NILSON

Part II, Section III, Nos. 8-28 inclusive — NILSON
(Published by Schirmer)

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic interval which may be struck by the examiner above or below the given note, to say whether the common chord is major or minor and to recognize a chord of the dominant 7th in its root position when it is struck. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test which will be of about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.* One of the following groups:—

Chorale on Ein Feste Burg — BACH
(Novello Book 18)

Postlude and Trio, Nos. 2 and 3 of 6 Preludes and Postludes, 1st set Op. 101 — STANFORD
(Stainer & Bell)

Alleluia—Final — BOSSI
(Durand)

or

Choral Improvisation "Nun danket alle Gott" — KARG-ELERT
(E. B. Marks)

Toccata (only) from Dorian Toccata and Fugue — BACH
(Novello Vol. X)

Greensleeves — VAUGHAN WILLIAMS
(edited Roper—Oxford University Press)

or

Choral Prelude "Valet will ich der geben" — BACH
(Novello XIX, page 7 (D major)

Berceuse from Suite Bretonne — DUPRE
(Leduc)

Two Trumpet Tunes and Air — PURCELL
(edited Ley—Stainer and Bell)

6. *Questions.* Questions will be asked on the form and modulations, and marks of expression, in the pieces prepared; also on chapters 3, 4, 5 and 6 of A. E. Hull's book on Organ Playing (published by Augener).

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* All major and minor (both forms), and chromatic scales.
(a) Pedals only. C, D flat, D, E flat, E and F for two octaves.
(b) Manuals only, hands together for three octaves in similar and contrary motion. (Harmonic minor only in contrary motion.)

2. *Technical Exercises.*

Technical Studies in Pedal Playing — NILSON
Part II, Section II, Nos. 1-9 inclusive.
Part II, Section III, Nos. 1-7 inclusive.
(Published by Schirmer)

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* The music given will not be of greater difficulty than the pieces set for the Junior Grade.

5. *Prepared Work.* One of the following groups:—

Presto from Concerto No. 5 in F — HANDEL
(Borreman ed. Paris)

2nd Movement 5th Sonata — MENDELSSOHN
(Any edition)

In Paradisium — DANIEL-LESUR
(Alphonse Leduc)

or

Air with variation from Concerto in D — CHARLES AVISON
(Edited Harker—Novello)

Prelude and Fugue in D minor — BACH
(Novello Vol. IX)

March from Three Pieces for Organ — NICHOLAS CHOVEAUX
(Lengnick)

6. *Questions.* Questions will be asked as to the keys through which the music passes and on marks of expression, etc., found in the pieces; also on chapters 4 5 and 6 of A. E. Hull's book on Organ Playing. (Pub. by Augener.)

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* (a) All major, minor and chromatic scales through three octaves (hands together) on manuals, in similar and contrary motion and starting on either highest or lowest note.

(b) Pedals: All major and minor and chromatic scales through one octave.

2. *Technical Studies in Pedal Playing* (Pub. Schirmer) — NILSON
Part II, Section I.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C, G or F as the given note, any other note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* A test consisting of music of about the same difficulty as the pianoforte pieces set for the Elementary Grade.

5 *Prepared work.* One of the following groups:

Fugue in D minor — BACH
(Novello, Vol. II)

Meditation — HAROLD DARKE
(Oxford University Press

or

Prelude in D minor — MENDELSSOHN
(from Three Preludes and Figures, any edition)

Adagio from Modale Suite (Elkan-Vogel) — FLOR PEETERS

or

Allegro (only) from Prelude and Bell Allegro (Edited Williams—Bosworth) — JOHN STANLEY

Hush Song (No. 3 of Four Intermezzi) (Novello) — STANFORD

6. *Questions.* Questions will be asked as to the time and meaning of signs used in the pieces prepared, also on chapters 4 and 5 of A. E. Hull's book on Organ Playing (Published by Augener).

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* C, G, D, E, E flat and F in both major and harmonic minor.

(a) Manuals only (hands separately and together) through two octaves in similar motion.

(b) Pedals only. Upper or lower octave, as required by the Examiner.

2. *Technical Studies.*

"The Organ" (Published by Novello) — W. ALCOCK

Pedal Exercises.	Page 29, No. 19 to No. 25, inc. Page 32, No. 38 to No. 43, inc. Pages 49 and 50, Nos. 61 to 68, inc.
Manual Exercises	Page 37, No. 44. Page 38, No. 55. Page 44, No. 49.
Manuals and Pedals.	Page 64, No. 146. Page 65, No. 65.
Chorales.	Any chorale pages 75 to 82, to be played on the manuals alone and on manuals with pedals.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with middle C, G or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* An easy test will be given about the difficulty of the pieces in the Primary Grade. (Panoforte.)

5. *Prepared Work.* One of the following:—

Any one Prelude and Fugue of Book I — BACH
(Novello)

or

Choral Prelude—"Herzlich thut mich verlangen" — BACH

or

Choral Prelude—"Herr Christ, der ein'ge Gottes-Sohn" — BACH
(Novello, Bk. XV)

and

Any one of A Little Organ Book
(Year Book Press)

or

Largo (only) "Largo, Allegro, Aria and 2 Variations" — MICHAEL FESTING
(Edited Thalben-Ball—Novello)

or

Either of Two Trios — MAURICE GREENE
(Edited Harry Wall—Novello)

6. *Questions.* Questions will be asked on notes, rests, marks of expression and time of pieces and studies; also questions on key signatures.

Marks

The following system of marking is adopted in all grades:

Scales and Arpeggios	10
Pedal Exercises	10
Ear Tests	10
Questions	10
Sight Reading	15
Registration	15
Phrasing, legato, musicianship, rhythm	30
Total	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

SINGING

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this grade the Senior Grade of the local theoretical examination must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2199. Candidates must be prepared to sing all these from memory, without accompaniment, in several keys varying according to the class of voice using vowel sounds only.

2. *Ear Tests.* Candidates must be able to name, by interval or note, any diatonic or chromatic interval above or below a certain given note, within the limits of an octave; also to say whether a common chord is major or minor and to distinguish a dominant 7th chord from a common chord. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the piano after the examiner.

3. *Reading at Sight.* One of the tests must be sung either to one vowel throughout, or to solfeggi and the other tests to the words.

4. *Questions.* Questions will be asked on the style, modulations, marks of expression, occurring in the pieces prepared and the candidate must also be ready to answer elementary questions on Physiology of the Voice.

The attention of candidates is drawn to the system of marking and directions printed on page 2199.

5. *Prepared Work.*

Studies:

Soprano or Tenor—Any two from No. 34 to the end.
First Series of Solfeggios. VITTORIO RICCI

Alto or Bass—any two from No. 26 to the end.
Second Series of Solfeggios VITTORIO RICCI

Medium Voices—Any two from No. 24 to the end.
Third Series of 45 Solfeggios VITTORIO RICCI

or

Any two, from 30 to the end, of 50 Lessons CONCONE

Pieces:

NOTE:—Candidates may transpose their songs to the extent of a tone lower or higher.

(a) A RECITATIVE and ARIA from any ORATORIO or OPERA. Students will find the following books useful for making suitable selections:—

HANDEL—Twelve songs from the Oratorios, published in separate books for each voice by Novello & Co.

MENDELSSOHN—Solo music from "Elijah," published in separate albums for each voice by Novello & Co.

ROYAL OPERATIC ALBUMS—Published separately for each class of voice by Boosey & Co.

SACRED SONGS—Published separately for each class of voice in the "Imperial Edition," by Boosey & Co. The numbers in this edition are as follows:—Soprano 31, Contralto 42, Tenor 44, Baritone and Bass 32, *or* any Recitative and Aria from the Oxford Series of BACH and HANDEL ARIAS. (Oxford University Press.)

(b) Two songs of contrasted character to be chosen from any two of the following composers : — BRAHMS, SCHUBERT, SCHUMANN, PARRY, STANFORD, SCOTT, IRELAND, SCARLATTI, RACHMANINOFF, HOLST, VAUGHAN WILLIAMS, PETER WARLOCK, STRAUSS, JOSEPH MARX, DELIUS. (One modern song should be chosen.)

(c) Candidates in each class of voice must also be prepared to sing one song of their own selection and one Folk Song from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS. (Novello.)

(The Folk Song to be sung unaccompanied.)

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to one page 2199. Candidates must be prepared to sing from memory all those arranged for this particular Grade, without accompaniment, in several keys, using vowel sounds only.

2. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the piano after the examiner.

3. *Reading at Sight.* This test may be sung to one vowel sound throughout, or to solfeggi. A specimen is printed in the set of technical exercises.

4. *Questions.* Questions will be asked as to the keys through which the music passes and as to the marks of direction and expression found in the pieces and studies prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2199.

5. *Prepared Work.*

Studies:

Soprano or Tenor—Any three from No. 16 to No. 33.
First Series of 50 Solfeggios — VITTORIO RICCI

Alto or Bass—Any three from No. 13 to No. 23.
Second Series of 40 Solfeggios — VITTORIO RICCI

Medium Voices—Any three from No. 10 to No. 23.
Third Series of 45 Solfeggios — VITTORIO RICCI

or

Any three (from No. 15 to the end) of 25 Lessons — CONCONE
(Contralto, Baritone and Bass)

or

Any three (from 15 to 40) of 40 Lessons — CONCONE

or

Any three (from 20 to 50) of 50 lessons — CONCONE

or

Any three (No. 10 to end) of 42 Vocalises (Part I) — PANSERON

or

Any three (from No. 21 to the end) of 30 Vocalises
(Ditson Edition) — SANDERS

Pieces:

(a) One of the easier ARIAS from either an ORATORIO or OPERA contained in the works mentioned in the Highest Grade.

(b) Two songs *of contrasted character* from the following lists:—

(*Candidates may transpose their songs to the extent of a tone lower or higher.*)

SOPRANO, MEZZO-SOPRANO, CONTRALTO

The Bells of San Marie — JOHN IRELAND
My True Love Hath My Heart — JOHN IRELAND
Lullaby — CYRIL SCOTT
The Angel — WAGNER
The Quiet Night (Nacht and Traüme) — SCHUBERT
Summer Night — ARMSTRONG GIBBS

Dream in the Twilight (Op. 29, No. 1)	Strauss
All Souls' Day (Op. 10, No. 8)	Strauss
The Heart Worships	Holst
Devon Maid	Frank Bridge
Christmas Eve at Sea	Malcolm Davidson
To the Queen of Heaven	Dunhill
Sleep	Peter Warlock
The Water Mill	Vaughan-Williams
Silent Noon	Vaughan-Williams
Bluebells from the Clearings	Ernest Walker
Ferry Ahoy	Brewer
Roseen'du	Bainton
A Sea Dirge	Dunhill
It Was a Lover and His Lass	Morley
Immortality	Cyril Scott
A collection of 50 Irish Melodies	C. V. Stanford
Invocation (Soprano)	Bryceson Treharne
Songs of Innocence	Harold Darke (Stainer & Bell)

SOPRANO

Alleluia	Mozart
The Violet	Mozart
Se tu m'ami	Pergolesi
Nina	Pergolesi
May Night (Mainacht)	Brahms
My Love is Bright (Meine Liebe ist Grün)	Brahms
The Question (Der Neugierige)	Schubert
Faith is Spring (Fruhlingsglaube)	Schubert
Après un Rêve	G. Fauré
Now sleeps the Crimson Petal	Roger Quilter
The Crying of Water	Campbell-Tipton

MEZZO-SOPRANO

When I am laid in Earth	Purcell
Care Selve	Handel
Oh, Sleep why dost thou leave me	Handel
So clear thine Eyes (Dein Blaues Auge)	Brahms
Margaret's Song (Gretchen am Spinnrade)	Schubert
The Walnut Tree (Der Nussbaum)	Schumann
The Trout (Die Forelle)	Schubert
Amarille	Caccini
On the Steppe	Gretchaninoff
Why (Warum)	Tschaikowsky
Dedication (Zuveignung)	Strauss
Silver	Armstrong-Gibbs

CONTRALTO

From Grief I cannot measure (Aus meinen grossen Schmerzen)	Franz
Sapphische Ode	Brahms
Death and the Maiden (Tod und das Madchen)	Schubert
Thou art repose (Du bist die Ruh)	Schubert
Biblical Songs (any one)	Dvorak
Dreams	Wagner
Where corals lie	Elgar
Cloths of Heaven	Dunhill
I got me Flowers	Vaughan-Williams

TENOR, BARITONE, BASS

Song Cycle, "The Wind Among the Reeds" (any one) (Pub. by Stainer & Bell)	Dunhill
Silent Noon	Vaughan-Williams
Summer Night	Armstrong Gibbs
Quiet Night (Nacht und Traüme)	Schubert
Come Away, Death	T. Arne
Verrath	Brahms
Christmas Eve at Sea	Malcolm Davidson
Dead, Long Dead (from the "Maud" Cycle)	A. Somervell
When I Am Laid in Earth (tenor only)	Purcell
The Water Mill	Vaughan-Williams
Ethiopia saluting the colours (baritones and basses only)	C. Wood
Invictus	Armstrong Gibbs
By a Bier Side	Armstrong Gibbs
My Heart Now is Merry (Phoebus & Pan)	Bach
O Mistress Mine	Peter Warlock
Dream in the Twilight (Op. 29, No. 1)	Strauss
A Farewell (tenor)	Bryceson Treharne
Montarrat (baritone)	Bryceson Treharne
At Night (baritone)	Bryceson Treharne
All Soul's Day (Op. 10, No. 8)	Strauss
A Shropshire Lad (any one)	A. Somervell
English Lyrics, Third Set (any one)	C. H. Parry
A Collection of 50 Irish Melodies	C. V. St anford
Eleanore	Coleridge Taylor
O Vision Entrancing	Goring Thomas
I Have Twelve Oxen	John Ireland

(c) Candidates in each class of voice must also be prepared to sing one song of their own selection, not included in the above lists, and one Folk Song from "A Selection of Collected Folk Songs," C. Sharp and Vaughan-Williams (Novello).

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2199. Candidates must sing from memory, with or without accompaniment (at the discretion of the examiners), one or all of the exercises arranged for this Grade in the various keys most suited to the particular voice.

2. *Ear Tests.* Candidates must be able to name by interval or note (as they prefer) with either middle C, G or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidates must hum sing or play on the piano after the examiner.

3. *Reading at Sight.* This test may be either sung to one vowel sound throughout, or to solfeggi. A specimen will be found printed in the special set of technical exercises.

4. *Questions.* Questions will be asked as to the various marks of expression and as to the time and key of the pieces and studies prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2199.

5. *Prepared Work.* Studies.

Soprano or Tenor—Two from Nos. 1 to 15
First Series of 50 Solfeggios — VITTORIO RICCI
Any two from 1 to 19 of 50 Lessons — CONCONE
Alto or Bass—Two from No. 1 to No. 12.
Second Series of 40 Solfeggios — VITTORIO RICCI
Medium Voices—Two from No. 1 to No. 10.
Third Series of 45 Solfeggios — VITTORIO RICCI

or

Any two from 1 to 15 of 25 Lessons — CONCONE
Contralto, Baritone and Bass.
Any two from 1 to 9 inclusive of 42 Vocalises (Part I.) — PANSERON
Any two from 1 to 15 of 40 Lessons — CONCONE

Two songs of contrasted character, selected from one of the following lists, and also two Folk Songs from "A Selection of Collected Folk songs." C. SHARP and VAUGHAN-WILLIAMS (Novello), and one song of candidate's own choice.

Candidates may transpose their songs to the extent of a tone lower or higher.

SOPRANO

Five Miniature Ballads (any three as one)	W. Y. HURLESTONE
Where the Bee Sucks. (Pub. by Boosey)	ARNE
Bel Amie } as one	J. S. FORD
A Word of Thine. (Pub. by Schirmer) }	
Cradle Song	GRIEG
I Heard a Piper Piping	PETER WARLOCK
Love's Philosophy	ROGER QUILTER
To Daffodils	ROGER QUILTER
A Child Asleep	ELGAR
Blackbird Song	CYRIL SCOTT
Second Song Cycle (any two of the four as one) (Published by Stainer & Bell, London)	PERRIN
A Widow-Bird Sat Mourning	BRYCESON TREHARNE
Solveig's Song	GRIEG
My Mother Bids Me	HAYDN
I love Thee (Ich liebe dich)	BEETHOVEN
Pastorale (arr. A. L.)	VERACINI
The month of May (Im wunderschonen Monat Mai)	SCHUMANN
Roses from the East (Aus den ostlichen Rosen)	SCHUMANN
Maiden's Song (Madchenlied)	BRAHMS
A legend	TSCHAIKOWSKY
When I was Seventeen	SWEDISH FOLK SONG
Yarmouth Fair	PETER WARLOCK
Sweet and Twenty	PETER WARLOCK

MEZZO-SOPRANO

My True Love Hath My Heart	PARRY
I Heard a Piper Piping	NORMAN PETERKIN
Slow, Horses, Slow	ARMSTRONG GIBBS
Ring Out, Wild Bells	C. L. BAINTON
Twelve Oxen	PETER WARLOCK
The Jocund Dance	ROGER QUILTER
Song of the Palanquin Bearers	MARTIN SHAW
As I Walked Forth and Infant Joy	HUBERT FOSS
Five Miniature Ballads (any three)	W. Y. HURLESTONE
Shepherd Love	H. CLAXTON
12 Songs, Op. 35 (any one) (Novello)	SCHUMANN

Spirit's Song	HAYDN
La Vision	SCHUMANN
What Tho' I Trace	HANDEL
Voi che Sapete (Nozze di Figaro)	MOZART
Child, What Sings the Morning	A. MALLINSON
In the time of Roses	REICHARDT
Goodnight (Gutte Nacht)	FRANZ
Woodland Journey (Wahlfahrt)	FRANZ
Maria Lullaby	REGER
A Bird's Cry	SINDING
Plaisir d'Amour	MARTINI
Blue as her Eyes	WALTER WATTS
Devon Maid	BRIDGE
The Merry Month of May	STANFORD
Sigh no more Ladies	FREDERICK KEEL

CONTRALTO

10 Canzonets (any one) (Novello)	HAYDN
Pieta Signor	STRADELLA
One Summer Night	GRIEG
Evening Song	SCHUMANN
Pull Away Home	GORDON JACOB
The King's Way	ELGAR
Evening Hymn	PURCELL
L'Heure Exquise	POLDOWSKI
Hame	WALFORD DAVIES
Morning Hymn	HENSCHEL
As I Walked Forth and Infant Joy	HUBERT FOSS
The Sea Wrack	HAMILTON HARTY
The Hero	SCHUMANN
Uphill	BRYCESON TREHARNE
Where Corals Lie	ELGAR
The Leaves and the Wind	LEONI
Nature's Praise (Die Ehre Gottes)	BEETHOVEN
She never told her Love	HAYDN
Request (Bitte)	FRANZ
Homeless (In der Fremde)	SCHUMANN
The Lotus Flower	SCHUMANN
The Bells of San Marie	IRELAND
Lilacs	RACHMANINOFF
Linden Lea	VAUGHAN-WILLIAMS

TENOR

I Attempt from Love's Sickness to Fly	PURCELL
Milkmaid Song	STANFORD

Waft Her, Angels	Handel
Sweet and Twenty	Peter Warlock
Sigh No More, Ladies	Aiken
Minnelied	Brahms
Cavatina, from "Magic Flute"	Mozart
Eleanore	Coleridge-Taylor
La Charmante Marguerite	Old French
And So I Made a Vilanelle	Cyril Scott
Over the Western Sea	Mallinson
Four Songs from the Cherry Gardens	Sterndale Bennett

BARITONE

I Attempt from Love's Sickness to Fly	Purcell
As I Walked Forth and Infant Joy	Hubert Foss
Linden Lea	Vaughan-Williams
Easter Snow	arr. by Stanford
The Red Fuchsia Tree	Roger Quilter
The Palatine's Daughter	Norman Peterkin
An Old Carol	Roger Quilter
Morning Hymn	Henschel
Yarmouth Fair	Peter Warlock
The Wanderer	Schubert
No Word from Thee	Tschaikowsky
Four by the Clock (Cavalier's Song)	Mallinson
Pipes of Pan	Elgar
O Cessate di Piagarmi	Scarlatti
Canzone (L'Addio)	Mozart
Weep Ye No More	Roger Quilter
Comme Raggio di Sol	Caldara
Mariage des Roses	César Franck
The Swan Bent Low	McDowell
Lungi dal caro bene	Secchi

BASS

Droop Not, Young Lover (Golden Treasury of Songs)	Handel
Vittoria	Carissimi
Serenade	Tschaikowsky
Sing Ho, or The Horned Owl (Pub. by Schirmer)	J. S. Ford
Easter Snow	arr. by Stanford
The Faithless Shepherdess	Roger Quilter
Wiegenlied	Brahms
Bois Epais	Lully
Through the Ivory Gate	Parry
Sands o' Dee	Clay

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2199.

Those arranged for this particular Grade must be sung from memory with or without accompaniment, at the discretion of the examiner in those keys which are most suited to the individual voice.

2. *Ear Tests.* To name by interval or note (as candidates prefer), with middle C, G or F as the lower note, any note of the diatonic major scale struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the piano after the examiner.

3. *Reading at Sight.* A specimen will be found printed in the special set of technical exercises.

4. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the pieces prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2199.

5. *Prepared Work.* Studies. (For all voices.)

Any three from No. 13 to the end.

24 Little Solfeggios for Beginners, Appendix — VITTORIO RICCI

Pieces:

Candidates in each class of voice must, *in addition* to their selections from the following lists, be prepared to sing a song of their own selection.

Any two of a contrasted character from one of the following lists:—

Candidates may transpose their songs to the extent of a tone lower or higher.

SOPRANO, MEZZO-SOPRANO, CONTRALTO

Folk Song from Haensel and Gretel	HUMPERDINCK
Where the Bee Sucks (Key F)	ARNE
Thine Eyes Still Shine for Me	PARRY
Holly Song	HOWELLS
Tyrley Tyrlow	WARLOCK
Pastorale	arr. A. L.
Snow Flakes	MALLINSON

Cradle Song, in G flat	BRAHMS
To Music (Golden Treasury, Vol. I)	SCHUBERT
The Poet's Song	PARRY
The Little Red Lark (Key F)	IRISH
On Wings of Song	MENDELSSOHN
What If I Never Speed (from 50 Dowland Songs, Bk. II, High Voice) (Stainer & Bell)	DOWLAND
The Fiddler of Dooney	R. MILFORD
The Gipsy Girl	R. MILFORD
This Joyful Eastertide	arr. A. SOMERVELL
Oh! Bother, Sang the Thrush	LIZA LEHMANN
Slumber, Dear Maid (Largo)	HANDEL
Weep Ye No More, Sad Fountains (from 50 Dowland Songs, Low Voice, Bk. II) (Stainer & Bell)	DOWLAND
Cradle Song	BYRD
Nachklang (Tears), Op. 59, No. 4	BRAHMS
Sapphic Ode	BRAHMS
Scheiden und Meiden (Parting)	BRAHMS
Standchen (Serenade)	BRAHMS
May Song	BEETHOVEN
Lullaby	MOZART
Have You Seen but a Whyte Lillie Grow	ANON
Sunday (Sonntag)	BRAHMS
Cradle Song (Wiegenlied)	BRAHMS
Hedge-Roses (Heiden-Roslein)	SCHUBERT
The First Primrose	GRIEG
The Cuckoo	LEHMANN
The First Rose	LEHMANN
When Icicles hang by the Wall	VAUGHAN-WILLIAMS
My Love's an Arbutus	STANFORD
Come, Gentle Night	ELGAR
Eyes of Night	GRAHAM PEEL
O, Willow, Willow (Folk Song)	arr. WHITTAKER
Early one Morning	HEALEY WILLAN

Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).

TENOR

And Shall Trelawney Die? (Oxford University Press)	GORDON SLATER
The Wind Mill	COLIN TAYLOR

When as the Rye — P. Warlock
Laughing Song — Gordon Jacob
The Talisman — Schumann
Caro mio ben — Giordani
Farewell, Dearest Gretchen — Gade
Vieille Chanson (In the Woods) (Key F) — Bizet
Serenade — Schubert
A Last Year's Rose — R. Quilter
My Lovely Celia—Old English air — arr. by Lane Wilson
Tell Me, My Heart (E flat) — Bishop
Folk Songs, from "A Selection of Collected Folk Songs," C. Sharp and Vaughan-Williams (Novello).

BARITONE

The Self-Banished — Blow
Fairest Isle (Golden Treasury) — Purcell
Song of the Imprisoned Huntsman — Schubert
Slumber, Dear Maid (Largo) — Handel
The Ploughboy — Wm. Shield
(Oxford University Press)
O, Sweet Flower — Cooper
Published together (Oxford Choral Songs)

or

There is a Lady — Ford
The Jolly Carter — arr. by E. J. Moeran
(Oxford Press)
Love Me or Not — Secchi
In Summer Time on Bredon — Graham Peel
A Lower's Garland — C. H. Parry
Souvenir — César Franck
Folk Songs, from "A Selection of Collected Folk Songs," C. Sharp and Vaughan-Williams (Novello).

BASS

The Sandman — Brahms
When Two That Love are Parted — Secchi
For the Mountains Shall Depart (from Elijah) — Mendelssohn
An Old English Love Song — Lane Wilson
The Fisher Maiden (Key F) — Schubert
Sun of the Sleepless — Schumann
Folk Songs, from "A Selection of Collected Folk Songs," C. Sharp and Vaughan-Williams (Novello).

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Technical Studies.* See special set of technical exercises, scales and arpeggios referred to on page 2199.

Candidates must be able to sing with or without accompaniment (at the discretion of the examiner) in the various keys suited to the individual voice, all those exercises arranged for this particular Grade.

2. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lower note, to distinguish between the major or minor 3rd, perfect 5th and perfect octave from that note.

3. *Reading at Sight.* See specimen on the same page as technical exercises.

4. *Prepared Work.* Studies.

SOPRANO AND MEZZO-SOPRANO

Any three from No. 1 to No. 12.
24 Little Solfeggios from Beginner's Appendix — VITTORIO RICCI

Pieces (which may be transposed to the extent of a tone higher or lower).

A. Any two of the following:—

Songs for the Young. (Augener Edition No. 8931).
Popular Nursery Songs, arranged by — BRAHMS
(Augener Edition No. 8886)
Six Children's Songs, Op. 59 — ARENSKY
(Published by Breitkopf & Haertel)
Six Little Songs (Augener Edution No. 8952) — WECKERLIN
Seven Children's Songs (Augener Edition No. 8833) — GRIEG
It was a Lover and his Lass — MORLEY
The Sandman — BRAHMS
Six Songs (Joseph Williams) — W. H. HADOW
Who is Sylvia — SCHUBERT
Elizabethan Love Songs (Boosey & Co.) arranged — F. KEEL

B. Any one of the following Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello); "The Fox," "The Holly and the Ivy," "As I Walked Through the Meadows," "Dashing Away With the Smoothing Iron," "I Will Give My Love an Apple," "I'm Seventeen Come Sunday," "William Taylor."

5. *Questions.* Questions will be asked on notes, rests, marks of expression and time of pieces and studies, also on key signatures, etc.

The attention of candidates is drawn to the system of marking and directions given below.

Marks

The following system of markings will be adopted:—

	Elementary and Junior Grades	Intermediate Senior and Highest Grades
Posture and Facial Expression	8	8
Intonation	8	10
Accuracy as to Notes and Rests	10	..
Breath Control, Production of Voice	10	12
Blending of Registers	6	6
Attack	8	8
Diction	8	10
Expression, Phrasing, etc	8	10
Reading at Sight	10	8
Ear Tests	8	10
Scales and Arpeggios	10	10
Questions	6	8
Total	100	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

DIRECTIONS TO CANDIDATES

1. Candidates must bring an accompanist, who, however, must retire from the examination room directly the prepared pieces which need accompaniment have been rendered.

2. A complete set of the technical exercises, scales and arpeggios required for all the five grades can be obtained at a cost of 25c, post free, from the Secretary at the McGill University Conservatorium of Music, Montreal.

3. Candidates should be provided with two copies of each of the studies and pieces.

4. In all grades, songs can be sung by candidates *with either the original words or a translation.*

GENERAL SCHOOL EXAMINATION IN INSTRUMENTAL OR VOCAL INSTRUCTION

On application to the Secretary, McGill University Conservatorium of Music, Montreal, a general school examination can be arranged for any time during the year. The expense must, of course, vary according to the length of the railway journey the Examiner has to take. Due notice should, therefore, be given to the Secretary, so that he may be able to arrange the visit of the Examiner at a time when he is somewhere in the district, when the fee will be $20.00 for the first hour and $10.00 for each succeeding hour. Not less than one hour can be arranged for. It is understood that no individual reports will be sent in on the work submitted but only a general report made on each branch of music. (Class singing, referred to hereafter, may be taken as one branch of this examination.)

INSTRUMENTAL ENSEMBLE EXAMINATION

Classes of strings or wind *or* strings *and* wind combined may be entered.

Examinations are also held in:

PIANOFORTE CLASS WORK and CLASS SINGING EXAMINATION

This examination is not necessarily confined to an examination at a school. Any teacher may enter a class for examination. A short general report will be rendered to the person who enters the class for examination, and the details of the report will be given on the following lines:—

Accuracy as to Notes, Rests, etc.
Maintenance of Pitch.
Balancing of Parts and Groupings of Voices.
Articulation and Pronunciation.
Quality of Tone.
Expression and Conception of the works performed.
Sight Singing.
*Performance of Vocal Exercises.

REQUIREMENTS

1. The class must sing the vocal exercises prescribed, each group of the voices singing them separately in the keys best suited to the voices.*

*These exercises can be obtained on separate sheets from the Secretary, McGill University Conservatorium of Music, price 25c. per dozen, post free, on receipt of remittance.

2. At least two short compositions of different character and not in unison must have been previously prepared.

3. Sight Singing from the staff notation.

Three short tests of varying difficulty will be given.

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC

Bachelors of Music of McGill University, after a lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the Degree of Doctor of Music (Mus.D.). Candidates must present:

1. A composition scored for full orchestra in the form of a symphony symphonic poem or tone poem occupying not less than thirty minutes in performance;

or

2. A composition such as an opera (not light opera), oratorio or cantata. In the event of a work under section 2 being offered, the first number must be an introductory orchestral movement in the form of a concert overture; the work must contain some eight part vocal writing and fugal treatment and must be scored for a full orchestra.

The Candidate must submit with the exercise a Declaration, signed by himself, that the work is his own unaided composition. The University may, if it elects to do so, order the candidate to give a public performance of this original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed works.

Graduates in music of other Universities can, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus.B., if they wish to proceed to the further degree of Mus.D., provided they secure permission to do so from the Dean of the Faculty of Graduate Studies and Research. The period of seven years referred to above will be counted from the date on which they received the degree of Bachelor of Music from their own University.

EXAMINATION REQUIREMENTS FOR DEGREE OF DOCTOR OF MUSIC

Harmony up to eight parts.
Counterpoint up to eight parts (strict and free).
Instrumentation.
Fugue up to five parts.
History of Music.
Form and Analysis.

(Latter based on knowledge of Beethoven's nine symphonies, Brahms' first and fourth symphonies, Strauss' Till Eulenspiegel, Op. 28, either Bach's Mass in B minor or Beethoven's Mass in D Op. 123, and Mozart's Magic Flute, or Beethoven's Fidelio, Walton's Viola Concerto, Sibelius' Pohjola's daughter, and Brahms' Academic Overture (Op. 81.)

McGill University

Montreal

Faculty of Divinity

Divinity Hall

1950-1951

McGill University



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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:—

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

FACULTY OF DIVINITY

ADMINISTRATIVE OFFICERS

THE UNIVERSITY—

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

S. H. Dobell, D.S.O. — *Comptroller*

William Bentley, C.G.A. — *Bursar*

T. H. Matthews, M.A. — *Registrar*

Richard Pennington, B.A., Lib.Dip. — *University Librarian*

G. A. Grimson, B.Com. — *Chief Accountant*

FACULTY OF DIVINITY—

J. S. Thomson, M.A., D.D., LL.D., F.R.S.C. — *Dean of the Faculty*

W. C. Smith, M.A., Ph.D. — *Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Divinity, is printed as a separate announcement, which may be obtained from the Registrar's Office.

The Faculty of Divinity is located in Divinity Hall, 3520 University Street, where are the theological library and reading room, chapel, classrooms, auditorium, and common rooms.

CALENDAR FOR THE SESSION 1950-51

1950

September 5th, Tuesday.....Supplemental examinations begin.

September 29th, Friday and September 30th, Saturday.....Registration.

October 2nd, Monday.....Lectures begin.

October 6th, Friday.....Founder's Day. Convocation.

November 11th, Saturday.....Remembrance Day. No lectures.

December 20th, Wednesday.....Last day of lectures in all Faculties and Schools.

1951

January 4th, Thursday.....Examinations begin.

January 11th, Thursday.....Second term begins.

February 16th, Friday
February 17th, Saturday.....Mid-term holidays.

March 23rd, Friday to March 26th, Monday (inclusive).....Easter vacation.

April 19th, Thursday.....Lectures end.

April 25th, Wednesday.....Examinations begin.

May 28th, Monday.....Convocation.

TEACHING STAFF OF THE FACULTY OF DIVINITY

JAMES SUTHERLAND THOMSON, M.A., D.D. (Glasgow), LL.D. (Washington, Queen's, Toronto, McGill, McMaster, Manitoba, Alberta), F.R.S.C.—
Dean of the Faculty, and J. W. McConnell Professor of the Philosophy and Psychology of Religion

GEORGE BRADFORD CAIRD, M.A. (Cantab.), D.Phil. (Oxon.)
Professor of New Testament Language and Literature

ROBERT BALGARNIE YOUNG SCOTT, M.A., Ph.D. (Tor.), B.D. (Knox), D.D. (Vic.)— *Professor of Old Testament Language and Literature*

ROBERT HENRY LAWSON SLATER, M.A. (Cantab.), Ph.D. (Columbia)
Professor of Systematic Theology

WILFRED CANTWELL SMITH, B.A. (Tor.), M.A., Ph.D. (Princeton)
W. M. Birks Professor of Comparative Religion

HENRY HORACE WALSH, M.A. (King's), B.D. (General Synod), S.T.M. (General Theological Seminary), Ph.D. (Columbia)
Associate Professor of Church History

THE FACULTY OF DIVINITY

GENERAL

In February, 1948, the Senate of McGill University decided to establish a Faculty of Divinity. Following negotiations with the Montreal Diocesan Theological College, the United Theological College, Montreal, and the Joint Board of Theological Colleges affiliated to McGill University, the Faculty was duly constituted on September 1st, 1948. The formal inauguration took place in Divinity Hall Chapel on October 5th. Rev. R. B. Y. Scott was appointed Dean for the first session, 1948-49. Rev. James S. Thomson succeeded him in June, 1949.

The Faculty of Divinity offers a three-year course leading to the degree of Bachelor of Divinity (B.D.) general or with honours. The basic entrance requirement is a Bachelor's degree from a recognized university, and there are also prerequisites in certain subjects, as noted below. In co-operation with the Faculty of Graduate Studies and Research, the degree of Master of Theology (S.T.M.) is offered. Particulars will be found on page 2316.

The B.D. course provides instruction in the Biblical, Historical, and Theological subjects common to the curricula of theological colleges of the principal churches of Canada, other than the Roman Catholic. Additional training required of candidates for ordination, in Practical and Pastoral Theology and in subjects in which a distinctive form of training is required by a particular Communion, will be provided by the participating theological colleges. The Montreal Diocesan Theological College of the Church of England, and the United Theological College of the United Church of Canada will grant their own diplomas on completion of the course for ordination. Students who belong to other Communions should consult their own ecclesiastical authorities before applying to one or other of these colleges for training in the subjects which are required of ordination candidates, but which do not form part of the B.D. course in the Faculty of Divinity.

Any qualified student may apply for admission to the B.D. course.

REQUIREMENTS FOR ADMISSION

A Bachelor's degree from a recognized university, preferably that of B.A., is the basic prerequisite.

It is also normally required that the following courses shall have been completed in the Faculty of Arts and Science of McGill University, or their equivalent in another recognized university:

Courses are designated as in the Announcement of the Faculty of Arts and Science.

Latin:	Senior Matriculation Latin, or Latin 1 or 1A.
Greek:	Junior Matriculation Greek, or Greek 1S, followed by one additional course which may be carried concurrently with B.D. 1.
Philosophy:	Philosophy 2 and one additional course.
History:	One course in Ancient History, and one course in European History.
English:	English 100, and one additional course.
Natural Sciences:	One course.
Social Sciences:	A course in one of the following: Economics Political Science Sociology Social Anthropology Psychology

Applicants who have not completed all the above subject requirements, or who are in doubt as to the recognition as equivalents of courses taken elsewhere than at McGill, should consult the Dean. It may be necessary for them to take certain qualifying courses for admission to the B.D. course. The Dean may exercise his discretion in the case of students of demonstrated ability whose course for their Bachelor's degree has not followed the normal pattern outlined above.

ADVANCED STANDING

Admission to advanced standing in the B.D. course may be granted to suitable applicants from recognized institutions, but in no case will the B.D. degree be granted after less than two years' intramural study in the Faculty of Divinity.

APPLICATION AND REGISTRATION

Intending students of the Faculty of Divinity must submit to the Dean an application with supporting documents by September 19th, 1950. Requests for the necessary application forms should be sent to the Dean's Secretary, Divinity Hall, 3520 University St., Montreal 2.

Registration will take place at the Office of the Dean on September 29th and 30th, 1950. After September 30th students registering will be required to pay a special fee for late registration unless exempted by the Dean for sufficient reasons.

CLASSES OF STUDENT

(i) **Regular** Students who are admitted to the B.D. course and who are taking the full number of lecture courses of the year in which they are enrolled.

(ii) **Limited** Students who are admitted to the B.D. course, but who are unable to carry concurrently the full work of the B.D. curriculum and also the courses in Practical Theology provided by the colleges for candidates for ordination, or who, not being ordination candidates, have good reason to ask for extension. Such students may, with the Dean's permission, extend their course for the B.D. degree beyond the normal period of three years.

(iii) **Partial** Students who are not registered as proceeding to the B.D. degree, but who can satisfy the Dean and Faculty of their ability to do the work of the courses to which they seek admission. Ordination candidates registered in one of the participating colleges, and who are not eligible for entrance to the B.D. course, will be advised by the Principal of the College as to the courses of the B.D. curriculum to which they should seek admission as Partial students.

(iv) **Graduate** Students enrolled in the Faculty of Graduate Studies and Research who are candidates for the degree of S.T.M.

FEES

(1) Regular and Limited students in the Faculty of Divinity who are candidates for ordination registered in one of the participating theological colleges, will be exempted from payment of tuition fees, in view of the contribution of the colleges to the support of the Faculty. Such students will, however, be required to pay the annual Health Service fee, $7.00 (if in residence, $10.00), Athletics fee, $15.00, and the Students' Society fee, $15.00.

(2) The University fee for all other full-time students will be $250.00 a session, and for Limited students, $72.00 per course. This fee includes all charges for tuition, health service, registration, libraries, sports, games, and graduation. The only additional fee is the compulsory Students' Society fee of $15.00 per session.

(3) Partial students not candidates for ordination, who are taking one or two courses, will pay $72.00 for each full course, $7.00 Health Service fee (if in residence, $10.00), $5.00 Grounds fee, and $5.00 to the Students' Society ($3.50 for the use of the McGill Union, and $1.50 for the McGill Daily). If taking three or more courses, such students will pay the full Students' Society fee, $15.00.

(4) Partial students who are candidates for ordination registered in one of the participating theological colleges will be exempted from payment of tuition fees, but will pay the Health Service fee, $7.00 (if in residence $10.00), the Grounds fee, $5.00, and the Students' Society fee, $15.00.

(5) Fees for Graduate students are shown in the Announcement of the Faculty of Graduate Studies and Research. Particulars may be had on application.

For further information about the payment of fees, consult the General Information Pamphlet included with this Announcement.

EXAMINATIONS

Mid-sessional examinations are held in January in half-courses completed in the first term, and interim tests in full courses may be held at the same time. Final sessional examinations are held late in April.

The pass mark in all examinations is 50%. First class standing is 80% and over, second class standing 65% to 79%, and third class standing 50% to 64%.

FAILURES AND SUPPLEMENTAL EXAMINATIONS

A student who has failed in a mid-sessional or sessional examination may apply to write a supplemental examination in the following September. A student who has failed in more than two full courses must withdraw from the Faculty or, with the Dean's permission, repeat his year.

CONDITIONED STANDING

A student who lacks not more than one full course of the entrance requirements to any year of the B.D. course, may be admitted by the Faculty with conditioned standing. He is not permitted to carry this condition for more than one session.

CURRICULUM FOR THE GENERAL B.D. DEGREE

FIRST YEAR

Comparative Religion.....3 hours, first term
Church History.....3 hours, session
Old Testament.....3 hours, session
New Testament.....3 hours, session
Philosophy of Religion.....3 hours, first term
Systematic Theology.....3 hours, second term

Total lecture periods: 15 hours per week, first term
12 hours per week, second term

SECOND YEAR

Comparative Religion.....3 hours, second term
Old Testament.....3 hours, first term
New Testament.....3 hours, second term
Church History.....3 hours, session
Systematic Theology.....3 hours, session
Philosophy of Religion.....3 hours, second term
Psychology of Religion.....3 hours, first term

Total lecture periods: 12 hours per week, first term
15 hours per week, second term

THIRD YEAR

Old Testament.....3 hours, first term
New Testament.....3 hours, session
Systematic Theology.....3 hours, session
Christian Ethics.....3 hours, first term
Philosophy of Religion.....3 hours, second term

Total lecture periods: 12 hours per week, first term
9 hours per week, second term, with additional tutorials

The presentation of an acceptable thesis embodying the results of specialized study in one field is a requirement for the B.D. degree.

DEGREE OF B.D. WITH HONOURS

The degree of Bachelor of Divinity *with honours* will be conferred on candidates who fulfil the requirements.

The purpose of the *honours* award is to recognize the outstanding attainments of qualified candidates who complete specially prescribed courses of study and pass the necessary examinations *on a high standard.* The special courses are designed to provide an opportunity for able and promising students to become well trained on the basis of particular interest and capacity in one of the theological disciplines.

Candidates for the degree with honours are usually also students in preparation for ordination to the Holy Ministry; consequently, in the curriculum prescribed for the award of honours, there is no modification of the broad general training in all the theological disciplines, which is necessary for the future vocation of such candidates, and which is prescribed by ecclesiastical regulations. The Honours course attempts to combine the interests of special scholarship with those of general theological education. The standard of attainment must be high alike in the general curriculum and in the *honours* subject.

REGULATIONS FOR THE B.D. WITH HONOURS

(1) Honours may be awarded in any one of the following six departments of study—Old Testament, New Testament, Church History, Systematic Theology, Philosophy of Religion, Comparative Religion.

(2) A candidate must apply for admission to an honours course in one of the six departments of study, which will then be designated as his *major* subject. He will also be required to undertake special studies in one other related department, which will be designated as his *minor* subject.

He must undertake advanced studies in his *major* subject during the second and third years of his course, and in his *minor* subject during the second or third year (normally the latter).

At the close of the third year, the candidate must submit the thesis required of all candidates for the B.D. degree, but it must be connected with his major subject and must be of a more substantial character than for the ordinary degree. (See Regulations for B.D. thesis, page 2315.)

(3) A candidate should apply for admission to an honours course normally at the completion of the first year of his studies for the B.D. degree. To be qualified, he must have obtained during his first year

(a) A high general average attainment in all subjects (Not less than 70%).

(b) *First Class* standing in his major subject.

A candidate for honours in Old Testament must have taken a full course in Hebrew during his first year or previously, and have attained at least second-class standing in that language. A prospective candidate for honours in Old Testament who has completed the requirement in Hebrew before entering his first year will be given a tutorial course (including Hebrew) in lieu of Hebrew I.

Admission of an applicant to an honours course will be granted by the Faculty on the recommendation of the professor whose department of study is selected as the major subject.

(4) A candidate must continue to maintain the qualifying standard of achievement (see previous regulation) during his second and third years. If he fails to do so, special adjustments may be made to permit him to complete requirements for the general degree, provided in the opinion of the Faculty, his attainments are satisfactory.

(5) The advanced courses of study in the major and minor subjects will be prescribed and directed by the professors concerned and may consist of work additional to the studies required by candidates for the general degree or of special work of an advanced character substituted for the general course.

A candidate must also attend lectures and pass the prescribed examinations in all the subjects (other than his major and minor subjects) which are required for the general B.D. degree, except as follows:

(a) Reading course in each of two half-courses (normally of the third year) in the general curriculum may be substituted for attendance at the lectures, these courses to be followed by a qualifying paper, which may consist of an essay or an examination, at the discretion of the professor concerned. Such qualifying papers may be written at any time during the honours course.

(b) When the candidate has selected Church History or Comparative Religion as his major subject, or when the combination of major and minor subjects creates a specially heavy assignment of prescribed studies, he may apply to be exempted from one half-course of the general curriculum (usually in the third year), but, in no case can this exemption be granted from courses in the New Testament or Systematic Theology.

(6) The award of Honours will be made by the Faculty on the recommendation of the Dean and the professor of his major subject, on the basis of the candidate's whole record during his entire course of study in the Faculty of Divinity.

DESCRIPTION OF COURSES

OLD TESTAMENT

Professor R. B. Y. Scott

OLD TESTAMENT 1a—AN INTRODUCTION TO OLD TESTAMENT STUDIES

English translations from the original texts; the Canon; history and religion of the Hebrew kingdoms; composition of the Pentateuch.

First year .....3 hours, first term

OLD TESTAMENT 1b—OLD TESTAMENT PROPHECY

The rise of prophecy and development of the Prophetic Literature; the emergence of Apocalyptic writings.

First year .....3 hours, second term

OLD TESTAMENT 2a—POETIC AND WISDOM LITERATURE

The nature of Hebrew poetry; study of the Books of Psalms, Job, Proverbs, and Ecclesiastes.

Second year .....3 hours, first term

OLD TESTAMENT 3a—OLD TESTAMENT THEOLOGY

The changing and the permanent in Old Testament religion, theology, and ethics; the Old Testament in relation to the New Testament.

Third year .....3 hours: first term

HEBREW 1—INTRODUCTORY HEBREW GRAMMAR AND COMPOSITION

Reading of selections from Genesis.

Any year .....3 hours, session

HEBREW 2—GRAMMAR AND SYNTAX; READING OF RUTH AND AMOS.

Any year .....3 hours, session

NEW TESTAMENT

Professor G. B. Caird

NEW TESTAMENT 1—INTRODUCTION TO NEW TESTAMENT STUDIES

The political and religious background; the canon, text, and versions of the New Testament; the Synoptic Problem; text of the Synoptic Gospels and the Acts of the Apostles.

First year .....3 hours, session

NEW TESTAMENT 2b—THE LIFE AND TEACHING OF ST. PAUL

Introduction to the Pauline Epistles, with exegesis of selected portions in Greek; introduction to the Pastoral Epistles.

Second year .....3 hours, second term

NEW TESTAMENT 3—THE EPISTLE TO THE HEBREWS; THE GENERAL EPISTLES, AND THE JOHANNINE LITERATURE

Introduction, with exegesis of selected portions in Greek.

Third year .....3 hours, session

CHURCH HISTORY

Associate Professor H. H. WALSH

CHURCH HISTORY 1a—THE FIRST FIVE CENTURIES

The world in which the Church was founded, and the Christian development.

First year.....3 hours, first term

CHURCH HISTORY 1b—THE CHURCH IN THE MIDDLE AGES

From the Teutonic invasions to the Reforming Councils.

First year.....3 hours, second term

CHURCH HISTORY 2a—THE REFORMATION AND THE COUNTER-REFORMATION TO THE 18TH CENTURY

A brief survey of the Eastern Churches and of missionary activity during this era will be included.

Second year.....3 hours, first term

CHURCH HISTORY 2b—HISTORY OF THE MODERN CHURCH

European Christianity from the 18th Century; the world-wide expansion of Christianity with special reference to the Ecumenical Movement. An introduction to Canadian Church History.

Second year.....3 hours, second term

SYSTEMATIC THEOLOGY

Professor R. H. L. SLATER

SYSTEMATIC THEOLOGY 1b—HISTORICAL INTRODUCTION TO CHRISTIAN THEOLOGY

Illustrating the development of Christian thought by reference to selected works of the great theologians of the past.

First year.....3 hours, second term

SYSTEMATIC THEOLOGY 2—THE STRUCTURE OF CHRISTIAN THEOLOGY

The function and sources of Theology; God and the World; Sin; Redemption in Christ; the Incarnation; the Atonement.

Second year.....3 hours, session

SYSTEMATIC THEOLOGY 3—THE STRUCTURE OF CHRISTIAN THEOLOGY (continued)

The Holy Spirit; the Holy Trinity; the Church; the Sacraments; the Future Life.

Third year.....3 hours, session

PHILOSOPHY AND PSYCHOLOGY OF RELIGION

Professor J. S. THOMSON

PHILOSOPHY OF RELIGION 1a—INTRODUCTION TO THE PHILOSOPHY OF RELIGION

An introductory study of the nature of religious belief with an examination of its validity. Religious faith considered as the basis for a philosophy of life and an interpretation of the world, including moral and other values.

First year.....3 hours, first term

PSYCHOLOGY OF RELIGION 2a—INTRODUCTION TO THE PSYCHOLOGY OF RELIGION

A psychological analysis of the various forms of religious experience, including emotion, belief, and conduct. The place of religion in human life, related to the general outline of our nature and abilities as portrayed by psychological study. The nature of religious education, conversion, prayer, worship, and persuasion. A study of mysticism. The place of religion in the psychiatric treatment of mental and moral illness.

Second year.....3 hours, first term

PHILOSOPHY OF RELIGION 2b—A STUDY OF THE PROBLEMS OF RELIGIOUS FAITH

The problems of pain and evil. An examination of the relation of religious beliefs to science, secularism, and materialism.

Second year.....3 hours, second term

PHILOSOPHY OF RELIGION 3b—RELIGIOUS FAITH IN THE CONTEMPORARY WORLD

An examination of religion in relation to movements in the current moral and intellectual environment.

Third year.....3 hours, second term

COMPARATIVE RELIGION

Professor W. C. SMITH

COMPARATIVE RELIGION 1a—RELIGION IN THE ORIENT

A prefatory general survey of the field. After reference to the religion of pre-historic man and of modern non-literate societies, synoptic introductions to the great religions of the Orient, ancient and modern.

First year.....3 hours, first term

COMPARATIVE RELIGION 2b—RELIGION IN THE ORIENT (continued)

A fuller study of one of the Oriental religions: its teachings, institutions, and cultural achievements, so as to understand both the historical

development, and what the religion means to its adherents to-day. For such study, the particular religion selected will be:

1951—*Islam*
1952—*The religion of the Hindus*

Second year.....3 hours, second term

Honours courses will be offered in Comparative Religion proper, philosophic and systematic. Further, instruction can be arranged in the basic languages of Islam (Arabic, Persian, Urdu) and, at an elementary level, of Hinduism (Hindi and, in the Faculty of Graduate Studies, Department of Classics, Sanskrit).

CHRISTIAN ETHICS

Lecturer R. H. L. SLATER

CHRISTIAN ETHICS 3a—AN INTRODUCTORY STUDY

Christian ethical principles and their application to present day problems.

Third year.....3 hours, first term

REGULATIONS FOR THE SUBMISSION OF THE B.D. THESIS

(1) The presentation of an acceptable thesis is a requirement for the award of the degree.

(2) Preparation of the thesis is to be regarded as an integral part of the course of studies required for the degree, whereby the candidate is given an opportunity to devote himself with personal originality and initiative to the study of some particular subject and thus to attest his worth and capacity as a responsible scholar. The thesis must be the candidate's own original work, and should display a real grasp of the selected subject, with an ability to organize the necessary material and to present it in an effective manner.

(3) The thesis shall deal with some special aspect of theological study, and its subject should be chosen in consultation with the professor who is responsible for the department of study within which the proposed subject falls. When the subject is related to two departments, both professors should be consulted. Thereafter the subject must be approved by the Faculty.

Normally the subject of the thesis should be chosen at the end of the second year of the course. Thereafter, the candidate should confer from time to time, as directed, on the progress of the work, with the professor

or professors concerned, but it should be understood that the thesis cannot be approved as acceptable either in its parts or as a whole until the complete thesis is finally presented to the Faculty.

(4) Normally, a thesis presented for the general degree should contain from 10,000 to 15,000 words. A thesis for the degree with honours should be of a more substantial character in matter and length, and should contain from 15,000 to 20,000 words. An analytical table of contents and a bibliography should be displayed. Authorities and references should be precisely cited in foot-notes. Excessive quotation should be avoided. It is essential that literary form and style should be of a worthy standard.

(5) The latest dates at which theses can be presented for final acceptance are:

For candidates intending to proceed to the degree at the Spring Convocation—March 31st.

For candidates intending to proceed to the degree at the Fall Convocation—August 31st.

GRADUATE STUDIES

The Faculty of Graduate Studies and Research directs and controls all courses leading to higher degrees and recommends candidates for these degrees. This arrangement includes graduate studies and research in Divinity.

The Faculty offers courses leading to the degree of Master of Theology (S.T.M.). Candidates must be graduates in Arts and must also hold the degree of B.D. or its equivalent. They must be in full-time residence at McGill University for at least one full academic session or two half-sessions, during which time they will perform the work and pass required examinations on an appropriate standard in assigned courses. A candidate must present a thesis on some topic connected with his major subject.

Full regulations and other information will be found in the Announcement of the Faculty of Graduate Studies and Research, which may be obtained on application to the Office of the Dean.

BURSARIES, SCHOLARSHIPS, AND PRIZES

1. AWARDED BY THE FACULTY OF DIVINITY

W. M. Birks Scholarships—Three W. M. Birks scholarships are awarded by the Faculty of Divinity, viz:

Entrance Scholarship—$250, to be awarded to the most outstanding and promising student entering the first year of the B.D. course. Applications must be made by 30th June, 1950, to the Dean.

Two Scholarships, each of $100, to be awarded to the most outstanding students at the end of the first and second years of the B.D. course respectively. They will be tenable during the second and third years of attendance.

N.B. In addition to the above amounts, students of participating Churches receive free tuition.

W. M. Birks Fellowship—$750, to be awarded to the most outstanding student who applies for the S.T.M. course. Applications must be made by 30th June, 1950, to the Dean.

2. AWARDED BY THE THEOLOGICAL COLLEGE

Particulars concerning Bursaries, Scholarships, and Prizes open to students registered in the participating theological colleges are set out in the calendars of these institutions, which may be had on application to the respective Principals.

PARTICIPATING THEOLOGICAL COLLEGES

ADDITIONAL COURSES FOR ORDINANDS

The Montreal Diocesan Theological College of the Church of England and the United Theological College of the United Church of Canada are affiliated to McGill University, and participate in the support of the Faculty of Divinity. The professors of the Faculty of Divinity who are members of one or other of these communions, may be also members of the faculty in one of the theological colleges. Students in the Faculty of Divinity who are candidates for ordination in the Church of England or in the United Church of Canada must be registered also in their respective colleges, where they will receive such practical and other training as is required of candidates for ordination, but which is not part of the course for the B.D. degree in McGill University.

The Montreal Diocesan Theological College and residence is situated at 3473 University St.; the Principal is Rev. W. A. Ferguson, M.A., B.D., D.D.

The United Theological College and residence is situated at 3508 University St.; the Principal is Rev. G. G. D. Kilpatrick, D.D., LL.D., D.C.L.

McGill University

Montreal

Faculty of Graduate
Studies and Research

McGill University



Montreal

Faculty of Graduate Studies and Research

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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McGill University

FACULTY OF GRADUATE STUDIES AND RESEARCH

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

David L. Thomson, M.A. (Aberdeen), Ph.D. (Cantab.), F.R.S.C.
Dean of the Faculty of Graduate Studies and Research

John Hughes, M.A. (Wales) *Secretary of the Faculty of Graduate Studies and Research*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

A complete list of the teaching staff of the University, including the Faculty of Graduate Studies and Research, is printed as a separate announcement, which may be obtained from the Registrar's Office.

COMMITTEE ON RESEARCH

Dean D. L. Thomson, *Chairman*

Professor R. A. Chipman
Professor R. H. Common
Professor G. I. Duthie
Professor D. O. Hebb
Professor J. R. Mallory
Professor A. N. Shaw
Professor John Stanley
Professor P. R. Wallace

MEMBERS OF THE FACULTY

Professor D. L. Thomson (Biochemistry)—*Dean*
Professor E. R. Adair (History)
Professor N. J. Berrill (Zoology)
Professor John Bland (Architecture)
Professor J. W. Boyes (Genetics)
Professor J. S. L. Browne (Medicine)
Professor G. L. Burton (Agricultural Economics)
Professor T. W. M. Cameron (Parasitology)
Professor C. H. Carruthers (Classics)
Professor R. A. Chipman (Electrical Engineering)
Professor T. H. Clark (Geology)
Professor R. H. Common (Agricultural Chemistry)
Professor J. I. Cooper (History)
Professor J. G. Coulson (Plant Pathology)
Professor E. W. Crampton (Nutrition)
Professor A. B. Currie (Education)
Professor C. A. Dawson (Sociology)
Professor W. A. DeLong (Agricultural Chemistry)
Professor G. Lyman Duff (Pathology)
Professor E. M. DuPorte (Entomology)
Professor G. I. Duthie (English)
Professor H. N. Fieldhouse (History)
Professor H. G. Files (English)
Professor J. S. Foster (Physics)
Professor R. D. Gibbs (Botany)
Professor J. E. Gill (Geology)
Professor W. L. Graff (German)
Professor P. H. H. Gray (Agricultural Bacteriology)
Professor Oswald Hall (Sociology)
Professor F. K. Hare (Geography)
Professor R. D. H. Heard (Biochemistry)
Professor D. O. Hebb (Psychology)
Professor B. H. Higgins (Economics)
Professor F. S. Howes (Electrical Engineering)
Professor John Hughes (Education)
Professor R. E. Jamieson (Civil Engineering)

Professor H. H. Jasper (Neurology)
Professor B. S. Keirstead (Economics and Political Science)
Professor Raymond Klibansky (Philosophy)
Professor J. E. L. Launay (French)
Professor C. P. Leblond (Anatomy)
Professor J. U. MacEwan (Metallurgy)
Professor F. C. Macintosh (Physiology)
Professor R. D. Maclennan (Philosophy)
Professor Otto Maass (Chemistry)
Professor J. R. Mallory (Political Science)
Professor J. S. Marshall (Physics)
Professor D. L. Mordell (Mechanical Engineering)
Professor R. H. More (Pathology)
Professor E. G. D. Murray (Bacteriology)
Professor H. R. Murray (Horticulture)
Professor R. V. V. Nicholls (Chemistry)
Professor A. S. Noad (English)
Professor Wilder Penfield (Neurology)
Mr. Richard Pennington (University Librarian)
Professor J. B. Phillips (Chemical Engineering)
Professor C. B. Purves (Chemistry)
Professor J. H. Quastel (Biochemistry)
Professor L. C. Raymond (Agronomy)
Professor C. A. Robb (Mechanical Engineering)
Professor F. R. Scott (Law)
Professor A. N. Shaw (Physics)
Professor John Stanley (Zoology)
Professor J. S. Thomson (Theology)
Professor Eleanor H. Venning (Medicine)
Professor P. R. Wallace (Mathematics)
Professor F. M. Watkins (Political Science)
Professor D. R. Webster (Experimental Surgery)
Professor E. C. Webster (Psychology)
Professor W. L. G. Williams (Mathematics)
Professor C. A. Winkler (Chemistry)
Professor G. A. Woonton (Physics)

RESEARCH FELLOW

1949-50

HECTOR MORTIMER, M.B., Ch.B. (Aberdeen), F.R.C.S. (Ed.) *Medicine*

RESEARCH ASSOCIATES

1949-50

BERETIC, TIHOMIL, M.D. (Zagreb) *Health and Social Medicine*

CARRUTHERS, J. A., M.A. (Western Ontario), Ph.D. *Physics*

DODDS, JOHN W., Ph.D. *Physics*

DOUGLAS, DONALD, M.A. (Sask.), Ph.D. *Physics*

FRIEDMAN, CONSTANCE A., Ph.D. *Anatomy*

HACKNEY, JOHN W., B.A. (Alta.), M.D., C.M. *Medicine*

MANKIEWICZ, Mrs. E., L.-ès-Sc., M.D. (Lyon) *Bacteriology*

SCHURCH, A. F., D.Sc.Tech. (Zurich) *Nutrition*

TELFORD, W. M., Ph.D. *Physics*

THOMPSON, A. L., B.A. (Bishop's), Ph.D. *Physics*

WANG, Y. L., Ph.D. (Berlin) *Anatomy*

WARTENA, JOHANNES, C.E. (Delft) *Civil Engineering*

GENERAL STATEMENT

1. The Faculty of Graduate Studies and Research directs and controls all courses leading to higher degrees and recommends candidates for these degrees.

2. The members of the Faculty are appointed annually by the University Committee on Research (see page 2607) from among those members of the staff who are most active in research or in the training of graduate students. Under the University Statutes this Committee is responsible, jointly with the Graduate Faculty, for organizing and coordinating programmes and courses of research. The Dean of the Faculty is Chairman of the Committee.

ADMISSION

3. Advanced courses of instruction are offered to students who are graduates of any university of recognized standing, and who have at least second class honours, or the equivalent of at least second class honours as granted by McGill University, in the subject in which they desire to take their major work. This implies a standing in the upper half of the undergraduate class, at least, and a considerable amount of specialization, for example 36 semester hours of lectures in the subject selected. Admission to these advanced courses does not in itself imply candidacy for a higher degree. Every student admitted to the Faculty is, however, attached to one or other of the Departments thereof, which is primarily responsible for guiding his studies.

4. The attention of applicants for admission to the Faculty is directed to the Graduate Record Examination (Educational Testing Service, Box 542, Princeton, N.J.). This examination consists of a relatively advanced test in the candidate's specialty, and a general test of his attainments in the several basic fields of knowledge, for which no special preparation is required or recommended. It is offered at many centres, including Montreal, several times a year; the entire examination occupies some eight hours, and the total fee does not exceed $10.00. Applicants for admission to the Faculty are not required to take this examination (save in Education, Psychology, and Sociology), but those who have done so should submit their records therein; these will receive consideration along with other evidence of the candidate's admissibility. This credential is of especial importance in the case of applicants whose education has been interrupted, or has been obtained at institutions which are not on the list approved by the Association of American Universities, or has not led directly towards graduate study in the subject selected. In such cases the Department has the right to refuse to consider applications which do not include a report from the Graduate Record Examination

or some similar test; some Departments require such reports of all applicants. High standing in this examination will not by itself guarantee admission.

CLASSES OF STUDENT

5. (a) Those admitted to the Faculty as regular students studying for a higher degree are termed "graduate students."

(b) Those students whose academic degrees and standing entitle them to admission to the Graduate Faculty, but who are not sufficiently prepared to undertake graduate study in the subject selected, may with the permission of the Dean and the Department concerned be permitted to take a "qualifying year" of further undergraduate studies. Qualifying students are registered in the Graduate Faculty, but not as candidates for a degree; for registration procedure, see Section 6 (b) and (c); for fees, see Section 10 (a). Completion of the work of the qualifying year does not automatically entitle the student to proceed towards a higher degree. Students who are ineligible for a qualifying year may apply to the appropriate undergraduate Faculty for admission as regular or partial students, and seek admission to the Graduate Faculty at a later date.

(c) Those qualified students who are permitted to take one or more courses in the Graduate Faculty, without intention of proceeding to a McGill degree, are termed "partial students of the Graduate Faculty". In the same category are included students carrying on research in McGill laboratories, without intention of proceeding to a degree. For fees see Section 20. If graduate partial students subsequently become candidates for higher degrees, they will normally receive academic credit and sometimes deduction of fees for relevant graduate courses taken as partial students. Students who wish to take further undergraduate courses only should register as "partial students" in the undergraduate Faculty concerned, even if they already hold degrees.

APPLICATION AND REGISTRATION

6. (a) Applications for admission should be made in triplicate on special printed forms which may be obtained at the Dean's office. Applicants who are not McGill graduates must submit two certified copies of their complete academic record, and are required to ask one or two instructors familiar with their work to send letters of recommendation to the Dean or to the Department concerned. It is desirable to submit a list of the titles of courses taken in the major subject, since transcripts often give code numbers only; the applicant should also indicate the branch of the major subject in which further training is desired. A passport-type photograph should also be supplied, either with the application or after it has been accepted. The application forms, duly signed, should

reach the Dean's office as early as possible and in no case later than September 18th, 1950, after which date a late fee of $5.00 will be charged. If the application is approved by the Dean and the Department concerned, one copy of the form will be returned to the applicant.

(b) Approved candidates must consult the Department or Departments in which they intend to study, with regard to choice of courses and subject of investigation. Formal application for permission to attend the courses selected, and for approval of the subject of investigation, must then be made in triplicate on special Registration Forms obtainable from the Dean's office. Language examinations (Section 52) should be entered on these forms, if required. These forms require the signature of the candidate, of the Chairman or Chairmen of the Departments concerned, and of the Professor appointed to act as director of the candidate's research, and are normally completed in consultation with the Department; students are warned that it may take a day or two to arrange and complete such consultations. The completed forms should be filed in the Dean's office as early as possible, and at the latest by October 2nd., after this date a late fee will be charged. Candidates should in any case be prepared to attend the regular courses of instruction, which begin on October 2nd.

(c) The registration forms will be scrutinized by the Dean and the Committee on Research, and if approval is given one copy will be returned to the candidate, who must then present it without delay at the Registrar's office. The student will meanwhile attend lectures, etc., on the assumption that his registration will be approved; but will not be given credit for attendance until he has completed registration at the Registrar's office. Candidates must register in this way, and pay their fees not later than October 21st; otherwise the prescribed penalty for late registration and late payment of fees will be enforced.

(d) Candidates whose courses extend over more than one year must register at the Dean's office and at the Registrar's office, as above, at the commencement of each year of their course; if they have not so registered at the beginning of the academic year, they are not eligible to receive their degrees at the following Spring Convocation. This applies also to non-resident candidates working at another institution (see Section 44).

(e) Candidates who have completed their courses and their residence but have not yet completed their theses must register at the offices of both the Dean and the Registrar, and pay a registration fee of $10, at the beginning of the session in which they present their theses; unless this is done, the thesis can not be examined and the degree can not be awarded (see Section 13).

(f) In some Departments it is in special cases possible to admit selected candidates at unusual times, for example at the beginning of the second term (January 4th) or at the beginning of the summer.

DEGREES

7. Graduate students may proceed to one or other of the following degrees: Master of Arts (M.A.), Master of Science (M.Sc.), Master of Science (Applied), Master of Engineering (M.Eng.), Master of Commerce (M.Com.), Master of Civil Law (M.C.L.), Master of Social Work (M.S.W.), Master of Architecture (M.Arch.), Master of Sacred Theology (S.T.M.), Doctor of Philosophy (Ph.D.), Doctor of Science (Applied), Doctor of Civil Law (D.C.L.), Doctor of Music (Mus.D.).

COURSES AT MACDONALD COLLEGE

8. (a) Graduate students who are taking the major part of their work at Macdonald College may go into residence there and may take, when required, other graduate courses given at the University.

(b) Students wishing to reside in Macdonald College should send in their application for accommodation to the Registrar, Macdonald College, Que., as soon as possible.

(c) Any fees in connection with courses taken at Macdonald College are payable to the Bursar of Macdonald College.

FELLOWSHIPS, SCHOLARSHIPS, AND MEDALS

9. (a) Details of Fellowships, Scholarships, Bursaries, Medals and Loan Funds available for graduate students will be found in the Announcement of Scholarships, Bursaries, Prizes and Medals, obtainable from the Registrar.

The following Graduate Fellowships and Scholarships are offered at McGill University to graduates of other approved institutions:

The University Fellowships, normally of $800 in the Humanities and Social Sciences.

The Arthur C. Tagge Fellowship of $1000 in the Humanities and Social Sciences.

The W. M. Birks Fellowship of $750 in Theology.

The Bronfman Fellowships of $1200 in Economics and Commerce.

The Alexander Mackenzie Fellowship of $600 in Political Science.

The Philip Carpenter Fellowship in Zoology.

The Leroy Memorial Fellowship of $500 in Geology.

The John Bonsall Porter Scholarship of $200 in Civil, Mechanical or Electrical Engineering.

The Cominco Fellowship of $750 for research on metals, chemicals, or fertilizers.

The Shell Oil Fellowship of $750 in Chemistry, Mechanical Engineering, Geology, or Physics.

The Inco Scholarships of $500 in Chemical Engineering, Mining, Metallurgy, or Geology.

The T. Sterry Hunt Scholarship of $600, in Chemistry and Chemical Engineering, for holders of a Master's or other higher degree.

The C.I.L. Fellowships of $750 in Chemistry (British subjects).

The H. L. Blachford Scholarship of $750 in Organic Chemistry.

The Gottesman ($800), Sylvania ($1000), Shawinigan ($1000), and Ontario Paper Company ($1000) Fellowships tenable in the Division of Industrial and Cellulose Chemistry.

The James Douglas Fellowship in Pathology.

The H. W. Molson Fellowship of not less than $1000 for Cancer Research.

The John McCrae Fellowship of $800 in Experimental Surgery.

Fellowships in Neurology and Neurosurgery.

In most cases application should be made to the Dean of the Graduate Faculty prior to May 1st. Details of these awards, and of awards offered by other sources but tenable at McGill, are given in the Scholarships Announcement.

(b) In several Departments graduate students are eligible for demonstratorships and assistantships. Information concerning these may be obtained from the Chairman of the Department concerned.

FEES

The University reserves the right to change any fee without notice.

10. (a) The inclusive fee for a *full time session of resident study* (e.g. a Qualifying Year, the required year for the Master's degree, or each of the three required years for the Ph.D.) is $200.00. Full-time Assistant and Associate Professors are eligible to apply for a rebate on these fees.

(b) The inclusive fee for a *half-session of full-time study* or for a *session of half-time study* (see Section 31) is $100.00.

(c) The fee for an *additional session of resident study*, beyond the required year for the Master's degree or the three required years for the Ph.D. for students in good standing, is $25.00.

(d) The registration fee for a *session not spent in residence* (see Sections 6e , 13, and 44) is $10.00.

(e) The additional fee for a degree conferred *in absentia* is $10.00

(f) Resident students at McGill will in addition to the fee (a, b, or c above) also pay $5.00 for student activities; at Macdonald College this fee is $17.00 for men and $12.00 for women students. This may be waived for full-time members of the teaching staff.

11. The above fees for resident students are inclusive, and cover tuition, graduation, the use of laboratories and libraries, the health service and athletic privileges, and membership in the Postgraduate Students' Society. Additional fees are however charged as set forth below, for special and supplemental examinations, for the re-examination of revised theses, for the repetition of uncompleted courses, and for late registration, etc. Any student taking a lecture course or doing laboratory work, or receiving regular guidance or consultation from any member of the staff, is considered to be in residence. He must register and pay fees as above. For payment by instalments, see Section 21.

12. A Ph.D. candidate permitted to spend either the second or the third year of his course at an approved institution elsewhere (see Section 44c) must register at the Dean's office and with the Registrar at McGill as a non-resident student, and pay a fee of $10.00.

13. (a) A student who has completed his courses and his residence but has not completed his thesis must register at the Dean's office and with the Registrar, and pay a registration fee of $10, at the beginning of the session in which he intends to present his thesis, whether for the Spring or the Fall Convocation. Such a student is not considered to be in residence, and the $10 fee does not give the student access to the libraries or laboratories, nor health and athletic privileges, nor membership in the Postgraduate Students' Society. If the student does not fulfil his intention to present his thesis, the fee is not returned and can not be transferred to any subsequent session.

(b) Registration is also required when a student has completed all requirements except for one or more examinations. The fee in this case will be $10.00 (non-resident) or $25.00 (resident), in addition to any fees due for special examinations (Sections 16, 17).

14. A graduation fee of $100.00 is payable for the degree of D.C.L. or Mus.D. and should be forwarded with the application. This fee includes the cost of registration, but does not give the candidate the privileges of a student in residence.

There is no fee for any degree granted *honoris causa*.

15. (a) A candidate whose thesis is judged unsatisfactory by the examiners may present a revised thesis once again, for a subsequent Convocation, upon payment of the following fees:

Master's Degree	$10.00
Ph.D. Degree	20.00
D.C.L. or Mus.D	50.00

(b) Except for the D.C.L. and Mus.D. degrees, a registration fee of $10.00 (see Section 13) is also payable if a new session of non-resident study is entered; if the student remains in residence for an additional session, the fee of $25 (see Section 10c) will be charged instead of the registration fee, and in addition to the re-examination fee.

16. Fees for supplemental examinations, granted under special circumstances by permission of the Dean on the recommendation of the Department, are payable in advance at $10.00 per paper. A student who has failed in any required course and does not receive permission to attempt a supplemental examination must retire from the Faculty. Only under exceptional circumstances may permission be granted by the Dean, on the recommendation of the Department, for the student to repeat any such course. In such a case the student must pay the fee required of partial students for the course in question (see Section 20) in addition to fees applicable under Sections 10 and 15, but does not pay for supplemental examinations.

17. There is no fee for the language examinations for Ph.D. students (see Section 52) when these are first taken at the regular time in December. A fee of $5.00 is however charged when these examinations are taken at any other time, or when these examinations are retaken after a previous failure, or have not been taken in the session in which they were entered upon the registration form.

18. French Summer School students who are proceeding to the M.A. degree are liable for the regular fee of $200 for the M.A. course but are remitted $47.50 of this for each Summer Session they have attended in the advanced course. At the end of the second Summer Session they are required to apply for and obtain admission to the Faculty of Graduate Studies (see Section 6a), but they do not register therein (Sections 6b, c, d) until the end of the fourth Summer Session; at that time they must register on sessional forms at the Dean's office, as "non-resident students", and pay the balance still owing of the M.A. fee. If the presentation of the thesis is postponed beyond the September one year after this registration, they will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who have completed four Summer Sessions in French (or the equivalent) are excused the *in absentia* fee (see Section 10e) when they obtain an M.A. degree.

19. Students permitted to work for the High School Diploma and for the M.A. concurrently (see p. 2652), spreading the work for the M.A. over two years, pay the fee for the Diploma course in the first and the normal fee of $200.00 for the M.A. degree in the second of these years.

20. The normal fee for "partial students of the Graduate Faculty" as defined in Section 5b is $72.00 per full course; special fees may be required for certain laboratory courses. A partial student carrying on research in McGill laboratories, but not taking courses, will normally pay $72.00 per session. Partial students must also pay the Grounds Fee of $5.00 and, if taking three or more full courses, the Health Service fee of $7.00 and Student's Activities fee of $5.00.

21. Fees are due and payable at the Accounting Office on or before October 21st. If paid by instalments the second instalment is due on February 1st. An additional $5.00 is charged for payment by instalments. An additional $2.00 is charged for payment after the specified dates.

22. Immediately after October 21st a list of students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students cannot be re-admitted to any class until instructions have been received from the Chief Accountant that the fees have been paid.

23. Late fees are charged as follows:

Application forms, after September 18th	$5.00
Registration at Dean's Office, after October 2nd	5.00
Registration at Registrar's Office, after October 21st	5.00
Payment of fees, after October 21st	2.00

24. All resident students with the exception of those at Macdonald College, are entitled to the following health and athletic privileges:

(a) Medical examination; daily consultation service and hospital treatment, as furnished to undergraduates.

(b) Tennis privileges during the session and summer privileges on the same basis as undergraduates (Present summer fee $5.00).

(c) Social skating privileges on the campus rink.

(d) Opportunities for exercise with various athletic clubs and eligibility for intercollegiate and other teams.

(e) A book of spectator's tickets, granting admission to all intercollegiate football and hockey games, etc., may be purchased for $3.00.

25. At Macdonald College, graduate students are entitled to medical attendance, major operations excepted, on the same basis as other students. Graduate students at Macdonald College are entitled to participate in the activities of the various organizations under the Students' Council and to have one representative on the Students' Council.

26. All resident students of the Faculty of Graduate Studies and Research are members of the Postgraduate Students' Society.

27. All fees are payable in Canadian currency.

RESEARCH FELLOWS

28. This title is intended to provide recognition and status on the University records for investigators of professorial calibre who are not members of the staff of McGill University but are attached temporarily to a department on the ground that their assistance is *required in the interests of a current programme of research.*

29. A Research Fellow must not be proceeding to a degree, and any money grant that he receives must be either from McGill University or from some other institution for the advancement of learning and must be paid solely for the advancement of the research that he is pursuing and not for instruction or demonstration.

RESEARCH ASSOCIATES

30. The title of Research Associate is intended to apply to investigators of academic standing junior to that of the Research Fellow. They must not be proceeding to a degree, nor may they be members of the staff of McGill University, but the receipt of a grant or scholarship from McGill University or any other institution for the advancement of learning shall not be considered to disqualify them for this title.

GENERAL RULES CONCERNING HIGHER DEGREES

31. (a) A graduate student is expected to devote his full time to his courses, reading, and research in each session counted towards completion of residence requirements. Members of the teaching staff of the University who are also students in the Graduate Faculty and who give more than three hours of lecturing or six hours of conference work or twelve hours of

supervisory work in laboratories and allied services per week, and other students doing an equivalent amount of additional work inside or outside the University, may not obtain the Master's degree in one year, and will require at least four years for the Ph.D. At least one of the years required for either degree must be spread over two sessions, in each of which such students will be registered as *half-time* workers and will pay a fee of $100.00.

(b) No full-time student registered in any professional Faculty of the University may register for a graduate degree or for a qualifying year without the special permission of both Faculties.

(c) Students assisted by the Department of Veterans' Affairs are not considered to be "full-time" if they are giving more than nine hours per week to demonstrating and similar services.

(d) A degree is granted in the Faculty of Graduate Studies essentially for work in one subject, known as the student's *major subject*. Certain allied or "cognate" courses in other subjects may be permitted or required; these must be entered on the sessional registration form, which must show whether the courses are to be taken for credit, including examination, or merely attended, and which must be signed by the Chairmen of all Departments concerned.

(e) There is no fixed number of course credits required for these degrees. The Department concerned will rather examine the applicant's previous training, undergraduate and graduate, and then decide how many of the available courses in the major subject and related fields are still required to bring the candidate to the proper level for the Master's degree or Ph. D. The satisfactory completion of such essential courses and the presentation of an acceptable thesis are two separate requirements which must be separately met. Due account will be taken of all relevant courses passed at any recognized University or College.

(f) A candidate with a given higher degree may be permitted to proceed to a second degree of the same kind, but in another subject, provided that the usual requirements for the degree are entirely fulfilled and approved as usual by the Department concerned. In the computation of fees for such second degree, no account will be taken of the student's previous registration in the Graduate Faculty.

CLASSIFICATION OF MARKS

32. 100-80%.....First Class
79-65%.....Second Class
Below 65%.....Failure

This classification applies also to students taking a Qualifying Year.

Students who obtain marks between 50 and 64% in courses not required for the degree sought may, on recommendation of the major Department, be recorded as having "passed at the undergraduate level."

Students who have failed in required examinations are permitted to write supplemental examinations only on the recommendation of the major Department and with the permission of the Dean (see Section 16).

THE MASTER'S DEGREE

33. (a) **Normal Procedure for the Master's Degree.**

At least one full session or two half-sessions of resident study at McGill University is required for a Master's degree; this is a minimum requirement, and it will usually be found impossible to complete the work for the degree within this time; the M.S.W. cannot be completed within one academic session. Residence credit is not given for work done during the summer vacation, either at McGill (save in the French Summer School) or elsewhere; the majority of graduate students find it necessary, however, to devote the greater part of their summers to work upon the thesis problem. The procedure to be followed in applying for admission and in completing registration is described above (Section 6). The candidate is required to pass the examinations in the courses which have been indicated to him by the Department and which are recorded on his approved registration form (except such courses as are marked "not for examination") and he may also be required to pass a general examination in his major subject; the marks or classes he obtains in these examinations are part of his qualifications for the degree. The candidate must also present a thesis on some topic connected with his major subject. The title of the thesis may be entered upon the registration form, and if not decided at that date must be subsequently submitted, in writing, to the Chairman of the Department concerned and to the Dean for formal approval at least four months before the thesis is handed in. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style. *For further regulations regarding theses, see Sections 59, 60, and 61.*

(b) Candidates who intend to proceed later to the Doctor's degree should note the language requirements (Section 52) and are strongly advised to take the examination in at least one language while working for the Master's degree.

34. Special Concessions for Civil Servants.

With regard to the M.Sc. and M.Eng. (which may be the first year of the Ph.D. course), the following concessions are approved:

(a) Candidates for the degrees of M.Sc. or M.Eng. who are graduates of McGill University and have had two or more years' experience in a Government Department, performing as their main duty work of the same type as that proposed for research, may, on recommendation of a Department and with the approval of the Faculty in full session, have their residence requirements reduced to one half-session only. It is understood that these candidates must take the usual final examination in all subjects required. The full sessional fee is payable.

No special concessions can be made to Civil Servants who are graduates of universities other than McGill.

(b) A Government laboratory may be approved by the Faculty as a research institution (see Section 44c).

35. The Degree of Master of Arts.

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Arts is provided in the following Departments of study, which rank as "subjects":

Classics	History
Economics and Political Science	Mathematics
Education	Philosophy
English Language and Literature	Physics
French Language and Literature	Psychology
Geography	Sociology
German	

Studies in other subjects, including sciences and certain Theological studies (see p. 2625), may be undertaken as cognate courses only, and only with the permission of the Departments concerned.

(b) Candidates must hold the degree of B.A. They must have obtained at least a second class in an Honours course at McGill University, or its equivalent elsewhere, in the subject or subjects which they propose to study.

36. The Degree of Master of Science.

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Science is provided in the following Departments of study:

Agricultural Bacteriology
Agricultural Chemistry
Agronomy
Anatomy
Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Entomology
Experimental Medicine
Experimental Surgery
Genetics
Geography
Geological Sciences
Horticulture
Mathematics
Meteorology
Neurology and Neurosurgery
Nutrition
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Poultry Husbandry
Psychology
Zoology

(b) Candidates must hold a Bachelor's degree with at least second class in an Honours course at McGill University, or its equivalent. Candidates with an M.D. degree must have attained high standing.

37. The Degree of Master of Engineering.

(a) Instruction for the degree of Master of Engineering is given in the following Departments of study, which rank as "subjects," in which definite courses may be selected:

Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering

(b) Candidates must hold the degree of Bachelor of Engineering, or an equivalent degree, and their undergraduate academic rank must, in general, be equivalent to high second-class standing.

(c) The establishment of the degree of Master of Engineering does not prevent a properly qualified holder of the degree of Bachelor of Engineering, or the equivalent, from proceeding to the degree of Master of Science in pure science.

38. **The Degree of Master of Architecture.**

(a) Instruction for the degree of Master of Architecture is given in the following Departments of study, which rank as "subjects."

Architectural Design
Community Planning
Housing

(b) Candidates must hold the degree of Bachelor of Architecture or an equivalent degree, and their undergraduate rank must, in general, be equivalent to high second-class standing.

(c) One only of the above subjects may be taken.

Each candidate is required to take at least one course in his subject involving at least one year of resident study.

In addition he is required to meet in personal conference at least once a week the professor under whose supervision he is preparing his thesis.

39. **The Degree of Master of Civil Law.**

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Civil Law is provided in the following Departments of study which rank as "subjects."

Roman Law
Civil Law
Commercial and Maritime Law
Public Law, including International Law

(Courses in all subjects will not necessarily be offered each year.)

(b) Candidates must hold the degree of B.C.L. from McGill University, or its equivalent. They must be well qualified students who have obtained at least second class honours in the subject which they propose to take and in the course as a whole.

(c) One only of the above subjects may be taken.

Each candidate is required to take at least one course in his subject involving at least one year of resident study.

In addition he is required to meet in personal conference, at least once a week, the professor under whose supervision he is preparing his thesis.

For further details consult the Secretary of the Faculty of Law.

40. **The Degree of Master of Commerce.**

(a) This degree is at present granted in Economics only.

(b) Candidates must hold the degree of B.Com. from McGill University, with at least a creditable average second-class standing, and with at least second class standing in the required courses in Economics: graduates of other universities must possess equivalent qualifications, especially in Economics.

(c) Applications for admission must be approved by the Director of the School of Commerce and by the Chairman of the Department of Economics.

41. The Degree of Master of Social Work.

(a) Applicants for admission must hold the degree of Bachelor of Social Work (for which a Bachelor's degree in Arts or Science is prerequisite), with at least good second class standing, from McGill University; or possess equivalent qualifications.

(b) Candidates for the degree will take eight one-term courses, each of two hours weekly, including a half-course on Social Research Methods and a Research Seminar; they will be required to undertake supervised practice during the session and to submit a thesis on an approved topic. The work for the degree can not be completed within one academic session, at least one calendar year being required.

(c) Applications for admission must be approved by the Director of the McGill School of Social Work, from whom the Announcement of the School with details of courses, etc., may be obtained.

42. Master's Degree in Theology.

(a) Applicants for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) must hold the B.A. degree and the degree of B.D., or its equivalent, from a recognized university, college, or seminary. They must have sufficiently high academic standing and adequate preliminary training, including a knowledge of the requisite ancient or modern languages, for higher studies in the field selected.

(b) Candidates must undertake full-time resident study at McGill University for at least one academic session or two half-sessions, during which they will prepare for the examinations in the courses to which they are assigned. A thesis on an approved subject within the major field selected is a further requirement for the degree. For further particulars see page 2648.

43. Degree in Science (Applied).

(a) The degree of Master of Science (Applied) was established in 1949 to permit approved Departments to offer postgraduate training of a professional and vocational character, with less emphasis on theoretical knowledge and research than in other degrees of this Faculty

but with no lower standards either for admission or for completion of requirements. Curricula of this type are at present available only in the Department of Psychology, whose statement herein should be consulted, and lead to the degree of Master of Psychological Science (M.Ps.Sc.) (*see page 2710*).

(b) Similarly the degree of Doctor of Science (Applied) for still higher professional training has been established so far only in the Department of Psychology and carries the title of Doctor of Psychological Science (D.Ps.Sc.) (*see page 2711*).

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

44. (a) Candidates for the degree of Doctor of Philosophy must hold the degree of B.A. with Honours, or B.Sc. with Honours, or B.Eng. or B.Sc. (Agr.) or M.D., with at least good second-class standing in each case, from McGill University, or some equivalent qualification.

(b) Many Departments will require candidates who do not already hold an appropriate Master's degree to register for the M.A. or M.Sc. rather than for the Ph.D. direct; but may later recommend to the Committee on Research that candidates of undoubted promise should be allowed to proceed directly towards the Ph.D. without being required to submit a Master's thesis; in other cases, permission to proceed towards the Ph.D. may depend on the standing obtained in the Master's degree.

(c) Candidates must follow a course of at least three years resident study at a University or other institution of higher learning or research; this is a minimum requirement, and there is no guarantee that the work for the degree can be completed in this time. Two at least of these years must be spent at McGill University, and these should if possible include the final year. Departments may permit or require candidates to spend one session at another institution approved by the Committee on Research (for fees, etc., see Section 12); it is understood that this session must be one of full-time study, and that the institution selected must be able to provide expert supervision and facilities for research appropriate to the candidate, in the field selected. Candidates are therefore required to submit a programme of the work projected and particulars of the institution selected, for approval by the Committee, before undertaking any such period of study apart. They must register at McGill as non-resident students; and the Committee may require reports on progress from time to time or at the end of the period for which credit is claimed. The Faculty may make special exceptions to these general regulations concerning residence; it may permit McGill graduates, for example, to spend two years in study apart at approved institutions and to reside at McGill for the final year only. Residence credit is not granted for work

done during the summer vacations, either at McGill or elsewhere; but it is the custom for candidates to spend the greater part of each summer in work upon the thesis problem, and those who do not do so are unlikely to complete a satisfactory thesis in the prescribed minimum time; in certain subjects, *e.g.* in Agricultural sciences, summer researches are indispensable.

45. A student who has obtained his Master's degree at McGill University or at an approved institution elsewhere, and is proceeding to a Ph.D. may, on recommendation of the Department, be permitted to count the work done for the former as the first year of his resident study for the Doctor's degree (see Section 44). The attention of students seeking admission on this basis is drawn to the language requirements (Section 52d), for which they are advised to prepare themselves in advance.

46. Candidates must select one major subject (see Section 31d). Courses leading to the degree of Doctor of Philosophy are offered in the following as major subjects:

Agricultural Bacteriology
Agricultural Chemistry
Anatomy
Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Economics and Political Science
Electrical Engineering
Entomology
Experimental Medicine
French
Genetics
Geography
Geological Sciences
History
Mathematics
Neurology and Neurosurgery
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Psychology
Zoology

47. In special cases, Departments may be able to provide courses in other subjects which will lead to this degree. Candidates desiring to proceed to the degree of Doctor of Philosophy in other Departments than those mentioned above should, therefore, make direct application to the Dean of Graduate Studies and Research, asking whether courses in such subjects can be provided.

48. The course of study which the candidate desires to follow must, before he enters upon it, have been submitted to the Chairmen of the several Departments concerned and have received their approval (see Section 6b).

49. **Preliminary Examination.** The first two years include instruction, training and direction in the candidate's field of study, with the object of giving him a knowledge of his particular subject and its relation to cognate branches of learning and of preparing him for independent investigation. The candidate's preliminary examination is held at the end of the second year, or at a time selected by the Chairman of the major Department, unless otherwise specified by Departmental regulations approved by the Faculty. This examination covers all graduate work previously taken by the candidate, including his prescribed reading, and may also include any work fundamental thereto. The candidate must show that he possesses a good general knowledge of the whole science or branch of learning which he has selected as his major subject. The examination may be written or oral or both. The result of this examination determines whether the candidate is allowed to proceed to his degree. The final year is devoted chiefly to the preparation of the thesis.

50. The candidate is also required to pass the examinations in the courses indicated by the Department, and recorded on his approved registration form, unless they have been marked "not for examination."

51. After the thesis has been received and approved, a final oral examination on the subject of the thesis and subjects more intimately related to it is held. This is conducted in the presence of a Committee of at least four members approved by the Faculty of Graduate Studies.

52. (a) Every candidate must satisfy the Faculty of Graduate Studies and Research that he has a reading knowledge of French and German; candidates may, however, seek the permission of the Dean to substitute another language for either French or German. In the special case of the Ph.D. in French, a knowledge of Latin and of either Spanish or Italian is required, but the regulations in paragraphs b, c, and d (below) will not apply.

(b) The candidate's major Department will select passages for translation, typical of the literature of the subject, and will make arrangements for the examination. The Departments of French and German must approve the passages selected, and will correct the translations and decide whether the candidate has fulfilled the requirements; they may also require any candidate to appear for oral examination and for explanation of his written answers.

(c) The examinations may be written in the first ten days of December without fee, save in the case of Ph.D. candidates in Physics, who normally write German examinations in February. A fee of $5.00 is, however, charged (see Section 17) for each Supplemental language examination, or for language examinations held at other dates which may be arranged on recommendation of the Department to the Dean (normally the first

week in April or the fourth week in September). A student will not ordinarily be permitted to attempt any language examination on more than two occasions in any one calendar year.

(d) Candidates are required to take at least one language examination in the first year of the Ph.D. course, and the other not later than the second year. Sessional registration forms (Section 6b) must indicate the student's intentions in this respect; a student who does not attempt a language examination in any session in which he has registered for it will be regarded as having failed the examination. Students admitted to the Second Year of the Ph.D. course (Section 45) must discharge their language requirements as early as possible. Sessional registration forms which do not comply with these requirements will be rejected.

(e) The Department of German offers, when possible, a special course open to candidates for the Ph.D. degree and designed to help them to acquire the necessary reading knowledge of the language: one lecture per week, hours to be arranged.

53. Thesis.

(a) The thesis for the Ph.D. degree must display original scholarship expressed in satisfactory literary form and be a distinct contribution to knowledge. The subject of this thesis must have been approved, in writing, by the Chairman of the Department in which the major subject is taken, and also by the Committee on Research, at least twelve months before the date of the final examination; the exact title may be decided later (Section 59d).

(b) Three copies of the thesis must be provided by the candidate.

(c) The regulations concerning theses are stated in Sections 59, 60, and 61.

54. Special regulations for the Ph.D. in Economics are stated on page 2651, in French on page 2667, in History on page 2681, and in Entomology on page 2662.

REGULATIONS FOR THE DEGREE OF DOCTOR OF CIVIL LAW (D.C.L.)

55. Any person who has graduated as a B.C.L. from McGill University may after seven years from such graduation proceed to the degree of Doctor of Civil Law, provided he has distinguished himself by eminent services in the domain of law, and provided he has written a thesis on a subject previously approved by the Faculty of Graduate Studies and Research, and that such thesis has been adjudged by that Faculty to be a valuable contribution to legal science. The candidate may, instead of a thesis, submit a published book or books dealing in a scientific way with

some branch or branches of law. Three copies of the thesis or book should be submitted to the Dean not later than February 14th, if the candidate hopes to be presented at the Spring Convocation. A very high standard is required for this degree, but it does not call for any resident graduate study in the University. See also Sections 14, 15, and 60 (h).

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC (Mus.D.)

56. Bachelors of Music of McGill University, after a lapse of a period of seven years from the time to time of taking the degree of Bachelor of Music, may proceed to the degree of Doctor of Music, the requirements for which are a composition in extended form, such as an oratorio, opera or cantata. This exercise must have as its first number an introductory orchestral movement in the form of a concert overture, must contain some eight-part writing and fugal treatment, and must be scored for a full orchestra. If preferred, a candidate may present a composition scored for full orchestra in the form of a symphony, symphonic poem or tone poem occupying not less than forty minutes in performance. Compositions which have already been published or performed may be submitted, if otherwise suitable. The exercise should be submitted not later than February 3rd, if the candidate hopes to be presented at the Spring Convocation; only one copy is required. The University may, if it elects to do so, order the candidate to give a public performance of his original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed work. See also Sections 14 and 15.

57. Graduates of other universities may, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus.B. if they wish to proceed to the further degree of Mus.D. provided they secure permission to do so through the Faculty of Graduate Studies and Research from the Senate of the University, the period of seven years referred to above to be counted from the date on which they received the degree of Bachelor of Music from their own University.

58. *Requirements for Mus.D.:* Harmony up to eight parts; Counterpoint up to eight parts (strict and free); Instrumentation; Canon four and two; Fugue up to five parts; History of Music; Form and Analysis based on knowledge of Beethoven's nine symphonies, Brahms' second and third symphonies, Strauss' tone poem Death and Transfiguration, Wagner's Meistersinger and Tannhäuser Overtures, either Bach's St. Matthew Passion or Beethoven's Mass in C, and Mozart's Magic Flute or Wagner's Parsifal.

REGULATIONS CONCERNING THESES

59. (a) In the case of students who wish to graduate at the Spring Convocation, all theses for a Master's degree must be handed to the Dean of the Faculty of Graduate Studies and Research not later than April 20th.

(b) All theses for the degree of Ph.D. must be in the hands of the Dean not later than April 6th.

(c) The theses of students who wish to graduate with a Ph.D. or Master's degree at the Fall Convocation must be in the hands of the Dean of the Faculty of Graduate Studies and Research not later than August 30th.

(d) The title of the thesis, as approved by the Department, must be submitted for approval by the Committee on Research at least four months before the thesis is handed in. The Dean may subsequently permit minor changes in the wording of the title.

60. All theses submitted by successful candidates for higher degrees (other than the Mus.D.) are bound and placed in the Library. Candidates for such degrees are therefore advised that the Faculty of Graduate Studies and Research requires theses to be prepared in accordance with the following specifications:

(a) The paper must be of a good bond grade, and is to be of uniform size, 8½ x 11 inches. Theses on inferior grades of paper will not be accepted.

(b) The left-hand margin must have a uniform width of not less than 1½ inches; this rule also applies to diagrams, etc. Drawings, maps, plates, etc., if larger than the prescribed page, may be folded and subsequently bound in only if the flap is not larger than 7 x 11 inches. Larger drawings, maps, etc., must be folded down to not more than 7 x 10 inches, so that they may be placed in pockets in binding.

(c) Theses must be typewritten and in triplicate. Ultimately one copy is deposited in the McGill Library, one in the Departmental Library, and one is returned to the candidate.

(d) No binding is necessary, but the loose sheets must be placed, unfolded, in a manila envelope in the order of their pagination. On the outside of each envelope must be written clearly the name of the candidate, title of thesis, degree, date, and Copy I, II, or III. Students are also asked to suggest a short title of not more than 55 letters (excluding their surname) for the lettering along the back of the bound copy.

(e) Copies of the thesis must be double-spaced and free from typographical and other errors, otherwise they will be returned to the candidate for revision, with possible consequent delay in the granting of the degree.

(f) Every thesis should have an abstract and a sufficient table of contents, and a thorough bibliography on the subject. Scientific theses should also contain an introductory historical statement of previous work or investigation, and a summary. In the case of the Ph.D. degree, there should be a clear statement of the claim of original work or contribution to knowledge made by the author.

(g) The candidate is required to declare, generally in the preface and specifically in the text of the thesis, the extent to which assistance has been given by members of the staff, fellow-students, technicians, or others, in the collection of material, the design and construction of apparatus, the performance of experiments, and the preparation of the thesis in general. This regulation does not apply to the normal supervision and advice given by the director of the candidate's research.

(h) If a thesis is rejected it cannot be submitted again, in a revised form, more than once (see Section 15).

(i) Unless there is a specific arrangement to the contrary, the candidate must understand that the University Library is free to allow the thesis to be consulted or borrowed, or to be issued in whole or in part in photostat or microfilm form.

SUMMARIES OR ABSTRACTS OF THESES

61. Three copies of a statement must also be presented, on a separate sheet, giving the author, title of thesis, and a summary not exceeding 150 words.

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY

(Macdonald College)

Associate Professor P. H. H. GRAY, *Chairman*

Adequate laboratory and library facilities are available for courses leading to higher degrees, and for research.

COURSES FOR HIGHER DEGREES

60. PHYSIOLOGY OF MICROORGANISMS (2 hours) *Professor Thatcher*
Text: Porter, Bacterial Chemistry and Physiology (Wiley).

61. SOIL MICROBIOLOGY (2 hours) *Professor Gray*
Text: Waksman, Principles of Soil Microbiology (Williams & Wilkins); Russell, Soil Conditions and Plant Growth (Longmans).

62. FOOD MICROBIOLOGY (2 hours) *Professor Thatcher*
Text: Tanner, Microbiology of Foods (Garrard).

63. COLLOQUIUM *Staff*
A written report on topics of current research in the candidate's field will be presented fortnightly.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Candidates are required to have the B.Sc. (Agr.) degree with high standing, or its equivalent with sufficient training in the subjects of the courses chosen for the higher degree. Students who lack such training must take the required courses of the final undergraduate year as well as courses in such other subjects as the department may require.

2. Candidates must take examinations in two of the courses listed above, either 60 with 61, or 60 with 62, and conform to the requirements of the colloquium.

3. The preparation of a thesis will require at least 20 hours of laboratory work per week. The thesis must be on a current research problem in agriculture, and may be completed at the end of one year's work.

4. Special arrangements can be made for candidates of recognized ability who wish to take studies in two major subjects.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the Ph.D. degree must have obtained first class honours standing in their work for the B.Sc. (Agr.) degree, or its equivalent, or have submitted a thesis of outstanding merit for the M.Sc. degree; they must show in frequent conferences and colloquia that they possess sound critical ability and capacity for research. Candidates are urged to study the required modern languages before entering the second year.

DEPARTMENT OF AGRICULTURAL CHEMISTRY

(Macdonald College)

Professor	R. H. Common, *Chairman*
Associate Professor	W. A. DeLong
Assistant Professor	B. E. Baker
Lecturer	B. B. Coldwell

Adequate laboratory facilities are available for the courses listed below and for research.

COURSES FOR HIGHER DEGREES

60. CHEMISTRY OF SOILS

2 lectures per week, second term. *Professor DeLong*

61. PLANT BIOCHEMISTRY

2 lectures per week, second term (not given 1950-51). *Professor DeLong*

51 and 52. CHEMISTRY OF FOOD AND FEEDING STUFFS AND ADVANCED FOOD ANALYSIS

2 lectures per week, both terms. *Professor Common*

63. INDUSTRIAL UTILIZATION OF FARM PRODUCTS

2 lectures per week, second term *Professors Common and Baker*

Special laboratory work (three hours per week) may be required in any of these courses.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Candidates are required to have the B.Sc. (Agr.) degree with honours standing, or an equivalent qualification. Students holding a B.Sc. degree may be accepted if they have taken sufficient undergraduate work in biology; otherwise a qualifying year will be required.

2. Candidates for the Master's degree are required to take the examinations in two of the courses for higher degrees given in the Department.

3. Candidates may be required to take the examination in one of the cognate courses listed below:

At Macdonald College:

Either Experimentation (Department of Agronomy, Course 60) *or* Advanced Biophysics (Department of Physics, Course A).

At McGill University:

Advanced Organic Chemistry (Department of Chemistry, Course A).

Advanced Physical Chemistry (Department of Chemistry, Course 44).

Cellulose, Lignin and Related Compounds (Department of Chemistry, Course L).

Protein Physical Chemistry (Department of Biochemistry, Course 44b).

Metabolism (Department of Biochemistry, Course 45).

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements for course work will be made with the McGill Departments of Chemistry and Biochemistry. Candidates are expected to have a basic knowledge of the main branches of agricultural chemistry when they present themselves for their preliminary examination, but they will be judged principally by their ability in research.

DEPARTMENT OF AGRONOMY

(Macdonald College)

Professor	L. C. RAYMOND, *Chairman*
Associate Professor	E. A. LODS
Assistant Professors	R. I. BRAWN
	H. A. STEPPLER

The Department is well equipped to conduct research with crop plants particularly in relation to breeding.

All important periodicals, scientific journals, books, and bulletins on Agronomy and related subjects, are available to students in the McGill, Macdonald College, or Agronomy Department Libraries.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who take Agronomy as a major subject must have had a good training and achieved high standing in Agronomy, Botany, Chemistry and Genetics. Those who have not had adequate training in these subjects will be required to take such courses as may be needed to rectify the deficiency.*

60. EXPERIMENTATION
One lecture and one laboratory period. *Professor Steppler*

61. HAY AND PASTURE CROPS
2 lectures and 2 laboratory periods for 1 term. *Professor Steppler*

62. CORN AND ROOT CROPS
2 lectures and 2 laboratory periods for 1 term. *Professor Raymond*

63. GRAIN CROPS
3 lectures and 3 laboratory periods for 1 term. *Professor Lods*

64. SEMINAR
Fortnightly during the year. *Professor Raymond and Staff*

* To fulfil the M.Sc. requirements a student must take courses 60 and 64 and at least two others from those listed above. In addition he may be required to take a cognate subject.

DEPARTMENT OF ANATOMY

Professors	C. P. MARTIN, *Chairman*
	C. P. LEBLOND
Assistant Professor	D. M. FORSTER
Lecturer	E. W. WORKMAN
Teaching Fellows	W. R. E. SPROAT
	CATHERINE E. STEVENS

The department offers facilities for research work leading to the degrees of Master of Science and Doctor of Philosophy in either Gross or Microscopic Anatomy.

QUALIFICATIONS FOR ADMISSION

For registration as a graduate student in gross anatomy, the candidate must hold a B.Sc. or M.D. degree and have completed with high standing the following courses in Anatomy at McGill (or their equivalent elsewhere): 1, General Gross Anatomy; 2, Neuro-anatomy; 6, Histology; 8, Embryology; these being the courses required in the first two years of the medical curriculum.

For registration as a graduate student in microscopic anatomy, the candidate must hold a B.Sc. or M.D. degree and have obtained high standing in Course 6 (Histology) or its equivalent and have displayed general proficiency in biological studies.

ADVANCED AND GRADUATE COURSES

4. ADVANCED NEURO-ANATOMY

2 evenings per week, first term. *Professor F. L. McNaughton (M.N.I.)*

5. PHYSICAL ANTHROPOLOGY

Times to be arranged. *Professor Martin*

7. EXPERIMENTAL MORPHOLOGY

(a) Seminar on theoretical problems of histology and histochemistry.
1 hour. *Professor Leblond*

(b) Practical course on planning of biological experiments, operative procedures on laboratory animals, histological techniques, histochemical reactions, detection of radioactive elements by radioautographs and Geiger counter, photographic methods, etc.
1 hour lecture and laboratory. *Professor Leblond*

Candidates for higher degrees in gross anatomy will be required to repeat detailed study of general gross anatomy (course 1 or equivalent at an advanced level), candidates for higher degrees in microscopic anatomy will be required to deepen their knowledge of histology and to take

course 7. In both cases, additional courses in anatomy or in cognate subjects may be required, in addition to the preparation of a thesis based on original research. Ph.D. candidates will write a comprehensive examination at the end of the second year.

SCHOOL OF ARCHITECTURE

Associate Professors — JOHN BLAND, *Director*; HAROLD SPENCE-SALES

COURSES FOR THE MASTER'S DEGREE

A. ARCHITECTURAL DESIGN

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Bland*

B. COMMUNITY PLANNING

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Spence-Sales*

C. HOUSING

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Bland*

D. SEMINAR IN COMMUNITY PLANNING

2 hours per week. *Professor Spence-Sales*

Candidates for the Master of Architecture degree will be expected to take the Seminar in Community Planning and one other course in addition to the thesis work.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor — E. G. D. MURRAY, *Chairman*

Associate Professors — D. S. FLEMING; J. W. STEVENSON

Assistant Professors — G. G. KALZ; C. D. KELLY

Lecturers — JOAN W. DE VRIES; C. R. MCLEAN; A. M. MASSON

GENERAL QUALIFICATIONS FOR ADMISSION

A B.Sc. degree with at least second class Honours in Bacteriology and Immunology, or the degree of M.D., C.M. with high standing in Bacteriology, Immunology, and Pathology, from McGill University, is required. The equivalent from elsewhere is recognized but this must be supported by confidential letters of recommendation from professors familiar with the candidate's work.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who have satisfactorily completed the Honours course in Bacteriology as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others may be required to spend two years in the Faculty of Graduate Studies and Research, the first of which will be taking a Qualifying Course comprising the Honours undergraduate Course 3 and such other courses as the Department approves. Candidates taking the Qualifying Course must reach a satisfactory standard in the examination at the end of the year to be permitted to proceed to the second year work. In cases where good and sufficient reason is shown, in terms of equivalent work, the Department may exempt a candidate from the Qualifying year. Exemption from a Qualifying Year may be gained by attaining second class marks in an Entrance Examination equivalent to the Examination for Honours in Course 3. Candidates are required to present one topic for a Seminar and to attend Course 6 and with due approval may attend other courses in the University Departments. The candidate is required to pass a general examination in Bacteriology and Immunology, including subjects dealt with in Course 6, and may be required to pass examinations in courses prescribed by the Department. These examinations together with a thesis on a research problem will determine the award of the Degree in accordance with Faculty regulations.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the Ph.D. degree may be required to have obtained a satisfactory class in their work for the M.Sc. degree (McGill).

Candidates are required each year to present one topic for a Seminar and attend Course 6 and may be required to attend cognate courses in other Departments. Candidates are required to pass a general examination in Bacteriology and Immunology, but will be judged principally on the ability they display in research.

Candidates will be occupied mainly in original research and the preparation of a thesis in accordance with Faculty regulations.

6. SPECIAL TOPICS IN BACTERIOLOGY AND IMMUNOLOGY

Lectures and discussions once a week. The topics vary from year to year.

SPECIAL FACILITIES

The courses given by the Department in the Faculty of Arts and Science and the Faculty of Medicine are available to candidates for the M.Sc. and Ph.D. degrees.

The practice of the Clinical Bacteriology services to the Hospitals is available to candidates as a means of instruction and a source of material for research and study.

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman*
	J. H. QUASTEL
Associate Professors	O. F. DENSTEDT
	R. D. H. HEARD
Assistant Professor	K. A. C. ELLIOTT
Sessional Lecturer	JUDITH SAFFRAN

Candidates who have satisfactorily completed the Honours course in Biochemistry as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department; others will usually require a qualifying year. Candidates for the Ph.D. degree must pass a general examination in Biochemistry, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below and may, according to their qualifications, be required to take undergraduate courses in Biochemistry or other cognate subjects. Research work will normally be carried on within the Department, where the main projects deal with blood chemistry and with the chemistry and metabolism of steroid hormones, but some students may be permitted to work on enzymology in the Institute of Special Research and Cell Metabolism of the Montreal General Hospital, or on brain metabolism in the Montreal Neurological Institute, or by special arrangement in other biochemical laboratories within the University.

ADVANCED UNDERGRADUATE COURSES

32. ENDOCRINOLOGY
1 hour. *Professor Thomson*

43. ADVANCED BIOCHEMISTRY
3 hours. *Professor Denstedt*

44a. NUTRITION
3 hours, first term. *Professor Thomson*

44b. PROTEIN PHYSICAL CHEMISTRY
3 hours, second term. *Professor Thomson*

45. OXIDATION AND METABOLISM
2 hours. *Professors Thomson and Quastel*

GRADUATE COURSES

61. RECENT ADVANCES IN BIOCHEMISTRY
1 hour, second term. The subject matter varies from year to year.

62 and 63. ADVANCED ENDOCRINOLOGY I AND II.

These alternating courses are given jointly with the Departments of Medicine and Anatomy and others, and in co-operation with the Institute of Experimental Medicine and Surgery of the University of Montreal. Course 62 (1950-51) deals especially with the gonads, anterior pituitary, and adrenal medulla; Course 63 (1951-52) with the chemistry and metabolism of steroid hormones, the adrenal cortex, thyroid, and pancreas.

2 hours.

Textbook: Selye, Textbook of Endocrinology.

70. SEMINAR

1 hour.

DEPARTMENT OF BOTANY

Professors	MURIEL V. ROSCOE, *Chairman* NICHOLAS POLUNIN
Associate Professors	R. D. GIBBS S. M. PADY
Assistant Professor	E. R. WAYGOOD

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR HIGHER DEGREES

61. ADVANCED PLANT PHYSIOLOGY

2 lectures with laboratory. *Professor Waygood*

33. PLANT BIOCHEMISTRY

2 lectures; 2 laboratory periods. *Professor Gibbs*

62. BIOCHEMICAL PLANT PHYSIOLOGY

2 lectures with laboratory *Professors Gibbs and Waygood*

41. MICROTECHNIQUE

1 lecture; two laboratory periods. *Professor Roscoe*

63. PLANT ECOLOGY

Lecture, conference, field, and laboratory work. *Professor Polunin*

66. SPECIAL TOPICS (Full course or half course)

Prescribed reading, conference and practical work on selected topics within Anatomy, Taxonomy, Phytogeography, Ecology, Mycology, etc.

The Staff

64. MORPHOLOGY OF REPRODUCTION (Half course)

Lecture, conference, second term: and laboratory work. *Professor Roscoe*

BIOLOGICAL COLLOQUIUM

REQUIREMENTS FOR THE MASTER'S DEGREE

In addition to writing a thesis the candidate must satisfy requirements in two full courses (or the equivalent in half courses) from the above list and also attend the colloquium. On the advice of the director of research one cognate course may be substituted.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Second year students will take one of the above courses which they did not follow during their M.Sc. year. Further instruction is given mainly by way of conference and direction of study. Most weight is laid on the thesis.

DEPARTMENT OF CHEMICAL ENGINEERING

Professor	J. B. PHILLIPS, *Chairman*
Associate Professor	WILLIAM GAUVIN
Lecturer	F. H. KNELMAN

61. CHEMICAL ENGINEERING

3 hours. *Professor Phillips*

Selected topics from flow of fluids, heat transfer, diffusional operations, distillation, etc.; assignment of advanced problems. This course is open only to students who have had a previous course in Unit Operations.

MASTER'S DEGREE IN CHEMICAL ENGINEERING

Students who hold a Bachelor's degree in Chemical Engineering have the option of studying for the Master of Science degree in Chemistry or the Master of Engineering degree in Chemical Engineering.

The following courses are required for the Master of Engineering degree:

I. Chemical Engineering 61, with one of the following: Chemistry A, Chemistry 31a and 31b, Chemistry 44.

II. One of the following: Chemistry N, Chemistry 35, Physics 34, Chemistry L and 46.

III. Chemical Engineering Colloquium.

IV. Thesis on a Chemical Engineering subject. The experimental work would be in heat transfer, distillation, absorption, extraction, drying, and applied physico-chemical problems.

DEPARTMENT OF CHEMISTRY

Professors	Otto Maass, *Chairman*
	W. H. Hatcher
	C. B. Purves
	C. A. Winkler
Associate Professors	J. H. Mennie
	R. V. V. Nicholls
	Alfreds Taurins
Assistant Professors	R. K. Holcomb
	A. S. Ross
Lecturer	W. G. Bowen
Honorary Lecturers	W. Boyd Campbell
	S. G. Mason
	J. H. Ross
	A. H. Vroom

Adequate laboratory and library facilities are available for the courses listed below and for research. The Pulp and Paper Research Institute affords ample facilities for research on the structure and properties of carbohydrates, cellulose, lignin, wood, and pulp and paper.

If students admitted to the Graduate School have not taken the equivalent of any of the following courses it may be decided by the Department of Chemistry that they should do so.

31a. ATOMIC STRUCTURE AND VALENCE THEORIES (Half course)
First term, 3 hours. *Professor Mennie*

31b. INORGANIC CHEMISTRY (Half course)
Second term, 3 hours. *Professor Mennie*

34. KINETIC THEORY (Half course). Kinetic theory of gases; fundamental mathematical relations for molecular velocity, collision frequency, viscosity, thermal conductivity, diffusion, etc.; imperfect gases.
1 hour. *Professor Winkler*

Text: Loeb, Kinetic Theory of Gases (McGraw-Hill).

34L. ELEMENTARY PHYSICAL CHEMISTRY LABORATORY. Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases liquids, and solutions.
3 hours laboratory. *Professor A. S. Ross and demonstrators*

Text: Daniels, Mathews, Williams, Experimental Physical Chemistry, 4th edition (McGraw-Hill).

35. THERMODYNAMICS (Full course). First and second laws, entropy, free energy, fugacity and activity, partial molal quantities, Debye-Huckel theory.

2 hours. *Professor Winkler*

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

44. PHYSICAL CHEMISTRY (ADVANCED) (Half course). Chemical kinetics; rates of homogenous and heterogeneous reactions; activation energy; theories of reaction mechanisms; phase rule.

First term, 2 hours; second term, 1 hour.

Professors Winkler and A. S. Ross

Texts: Taylor, Treatise on Physical Chemistry (Van Nostrand); Glasstone, Textbook of Physical Chemistry (Van Nostrand).

Reference book: Hinshelwood, Kinetics of Chemical Change (Oxford).

44L. ADVANCED PHYSICAL CHEMISTRY LABORATORY. More advanced physicochemical methods applied to equilibria, reaction kinetics, colloids, and electrochemistry.

6 hours laboratory. *Professor A. S. Ross and Demonstrators*

Text: Daniels, Mathews and Williams, Experimental Physical Chemistry, 4th edition (McGraw-Hill).

45. THERMODYNAMICS (ADVANCED) (Full course)

2 hours. *Professor Winkler*

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill); Wenner, Thermochemical Calculations (McGraw-Hill).

46. COLLOID CHEMISTRY (Half course). Descriptive thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.

1 hour. *Professor A. S. Ross*

Texts: Hartman, Colloid Chemistry, 2nd Ed. (Houghton-Mifflin); Weiser, Colloid Chemistry, 2nd Ed. (Wiley); Adam, Physics and Chemistry of Surfaces, 3rd Ed. (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton).

40. CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS (Half course). Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining structure of polymers; properties of commercially available materials; methods of fabrication.

1 hour. *Professor Nicholls*

47a. ELECTROCHEMISTRY (Half course). Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena, etc.

First term, 2 hours. *Professor A. S. Ross*

Text: Glasstone, Introduction to Electrochemistry (Van Nostrand).

GRADUATE COURSES

A. ADVANCED ORGANIC CHEMISTRY. Modern interpretation of the mechanisms of organic reactions, ionic and free-radical, including substitution, addition, elimination, oxidation-reduction, polymerization, and rearrangement.

3 hours per week *Professor Taurins*

B. ADVANCED TOPICS IN ORGANIC CHEMISTRY. Application of physical properties to determination of molecular structure; chemistry of heterocyclic structures containing oxygen and nitrogen; methods for structure determinations of complicated organic molecules.

2 hours per week. *Professors Purves and Nicholls*

J. COLLOQUIUM—ORGANIC

1 hour per week *Professors Purves, Nicholls, and Taurins*

K. COLLOQUIUM—INORGANIC AND PHYSICAL

2 hours per week. *Professors Maass and Winkler*

L. CELLULOSE, LIGNIN, AND RELATED COMPOUNDS. Evidence that cellulose is a linear macromolecule; methods for estimating distribution of molecular weights, and nature of supermolecular structure; behaviour of cellulose during various types of chemical reactions; chemistry of non-cellulose components of wood.

2 hours per week. *Professor Purves*

N. CHEMICAL PHYSICS. Subject matter varies from year to year; chemical kinetics, photochemistry, molecular structure, etc.

2 hours per week. *Professor Winkler*

APPLICATIONS FOR ADMISSION

In addition to official transcript (in duplicate) of the academic record, the Department of Chemistry requires two confidential letters of recommendation from professors familiar with the applicant's work, and a small, unmounted photograph.

Those students in the Graduate School who are awarded demonstratorships are required to devote not more than 12 hours of instruction in undergraduate laboratories per week during the academic session.

REQUIREMENTS FOR THE MASTER OF SCIENCE DEGREE

I. Students are required to take examinations in (a) Organic, (b) Inorganic, (c) Physical, (d) Colloid Chemistry, and other assigned courses, if any.

II. Colloquium.
Students are required to present and discuss papers dealing with fundamental and recent work, at least once in each year.

III. Thesis.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. The research work in this Department may conveniently be considered under the following heads:

(a) Organic Chemistry, (b) Inorganic Chemistry, (c) Physical Chemistry, (d) Colloid Chemistry, (e) Cellulose Chemistry. One of these (under which the research falls) is designated the "principal subject" and each of the others a "secondary subject." Graduate students are required to take examinations in both "principal" and "secondary" subjects.

Principal Subjects: Several examinations are held. Students are responsible for the subject matter of all related lecture courses and assigned reading. Cognate courses given in other Departments may be assigned and examinations required.

Secondary Subjects: The examinations are less rigorous than in the principal subject. The subject matter is more clearly defined and may include suitable lecture courses or texts, or both.

II. Colloquium—as for M.Sc., see above.

III. Thesis and Oral Examination.

EXAMINATIONS IN CHEMISTRY

Principal Subjects:

1. An examination is held in May of the second year. Additional special examinations may be held during the third year.

2. Candidates who fail in the May examination of the second year are required to repeat the year and the examination in the principal subject.

Secondary Subjects:

1. All examinations are available in May and September for candidates in the first two years.

2. A supplemental examination in any subject may be taken only on recommendation by the Department.

3. Examinations in all subjects must be passed before the candidate enters his final year, except in special circumstances and then only with the approval of the Department.

4. For candidates entering the final year, the September examinations are supplemental examinations only.

General:

1. A candidate who may wish to take examinations in any one or more secondary subjects in September of his entrance year is advised to consult the chairman of the Department as soon as possible.

2. In a secondary subject a Master of Science examination at McGill will be accepted as a Preliminary Ph.D. examination provided the standard required by the Department is obtained.

Also, candidates who believe they have the necessary qualifications may apply to the director of their research for exemptions from examinations in secondary subjects. Such qualifications include a high standing in an examination taken at McGill or other University in the secondary subject. The approval of the Department is necessary for this exemption. Only one such exemption can be granted but substitution of other approved courses for secondary subjects in which the Department considers a candidate has reached the required standard is permitted.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors	R. E. JAMIESON, *Chairman*
	G. J. DODD
	R. DeL. FRENCH
	(*post-retirement*)
Associate Professors	L. J. ARCAND
	CARLETON CRAIG

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

60. STATICALLY INDETERMINATE STRESSES
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Jamieson

61. TECHNICAL ELASTICITY.
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Jamieson

62. SECONDARY STRESSES
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Dodd

63. HIGHWAY ENGINEERING
4 hours tutorial, and 12 hours computation and reports.
Professor French and Staff

64. HYDRAULICS
First term, 2 hours tutorial, and 6 hours computation and reports.

Candidates for the M.Eng. degree will be expected to take at least two courses in addition to thesis work.

DEPARTMENT OF CLASSICS

Professor C. H. CARRUTHERS, *Chairman*
Associate Professors E. M. COUNSELL
P. F. MCCULLAGH
Assistant Professor C. D. GORDON

COURSES FOR THE DEGREE OF MASTER OF ARTS

GREEK 61. HISTORY OF THE EPIGRAM
2 hours colloquia. *Professor Carruthers*

GREEK 62. READINGS IN THE GREEK HISTORIANS.
3 hours. *Professor Gordon*

LATIN 70. LUCRETIUS
3 hours. *Professor Carruthers*

LATIN 72. LATIN EPIGRAPHY AND PALÆOGRAPHY
2 hours colloquia. *Professor Carruthers*

LATIN 73. LATIN OF THE SILVER AGE
2 hours colloquia. *Professor Counsell*

COURSES IN COMPARATIVE PHILOLOGY

Professor C. H. CARRUTHERS

80. INTRODUCTION TO THE STUDY OF LANGUAGE (LINGUISTICS 21)
81. LATIN HISTORICAL GRAMMAR
82. GREEK HISTORICAL GRAMMAR
83. ELEMENTARY SANSKRIT
84. GREEK DIALECTS
85. OSCAN AND UMBRIAN

All courses except No. 80 are colloquia of two hours weekly. Course No. 80 is listed as Linguistics 21 in the announcement of the Faculty of Arts and Science, and is open to graduate or undergraduate students.

Subjects for M.A. theses must be determined in consultation with the Department.

FACULTY OF DIVINITY

Professors
J. S. Thomson, *Dean*
G. B. Caird
R. B. Y. Scott
R. H. L. Slater
W. C. Smith

Associate Professor
H. H. Walsh

Requirements for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) are stated on page 2625. The usual rules and regulations of the Faculty will apply.

The staff is prepared to offer advanced courses, and to guide students in thesis research on approved topics, within each of the following major fields: Old Testament language and literature; New Testament language and literature; Systematic Theology, including Christian Ethics; Philosophy and Psychology of Religion; Church History; and Comparative Religion. To each approved student will be assigned appropriate courses (approximately three), and these may include courses offered by other Departments of the Faculty such as Philosophy, History, or Classics. Graduate students in such Departments may be permitted or required to take courses currently offered in Divinity.

Adequate library facilities are available in Divinity Hall and elsewhere for the above mentioned courses and for many fields of research.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Professors
B. S. Keirstead, *Chairman*
E. F. Beach
G. L. Burton
B. H. Higgins
F. C. James
D. L. Macfarlane
Donald Marsh
J. M. Novotny
F. M. Watkins

Associate Professors
J. T. Culliton
J. R. Mallory
H. D. Woods

Assistant Professor
Irving Brecher

Lecturers
K. B. Callard
J. E. Dales
David Schwartzman
J. C. Weldon

GRADUATE SEMINARS IN ECONOMICS

61. THE THEORY OF THE FIRM. A specialized study of the theory of the process of the firm.

First term. *Professor Keirstead*

(Not given in 1950-51.)

62. INTERNATIONAL ECONOMICS. Selected problems in the theory of international trade and foreign exchange.

Second term. *Professor Marsh*

63. AGRICULTURAL ECONOMICS. The nature of agricultural production; the economics of size in agriculture; intensity of production; the pricing mechanism for farm products; agriculture in world commerce, FAO, ITO; the role of agriculture in the Canadian economy; economic problems confronting the Canadian farm industry.

First term. *Professor Macfarlane*

64. MACRO-ECONOMICS. Determinants of the general levels of income, employment, prices, production; economic fluctuations; economic trends; under-employment equilibrium and secular stagnation; conditions of economic progress; fiscal and monetary policies for maintaining full employment and preventing inflation.

First term. *Professor Higgins*

65. ECONOMETRICS. The application of mathematics and statistics to the study of economics. An acquaintance with calculus and elementary statistics is assumed.

Second term. *Professor Beach and Mr. Weldon*

66. AGRICULTURAL POLICY. The objectives of policy and the use of economic analysis as a guide to the appraisal and formation of agricultural policy; means of contributing to a solution of the problems confronting agricultural producers; the pricing of farm products; the resource and income problems; methods of achieving greater stability for agriculture and of facilitating economic progress.

Second term. *Professor Burton*

Prerequisite: Economics 63.

67. LABOUR ECONOMICS. Special problems of labour and management.

Second term. *Professor Woods and Mr. Weldon*

RESEARCH PROBLEMS. A seminar on research problems, not taken for course credit.

First and second terms. *The Staff*

REGIONAL PLANNING. A seminar on the problems of regional planning, not for course credit.

Both terms. *The Inter-Departmental Committee on Regional Planning*

71. THEORY OF ECONOMIC CHANGE. Methodological critique of theories of economic change, restatement of problems for analysis, analytical study of models involving population and technological changes in the economy as a whole.

First term. *Professor Keirstead*

72. HISTORY OF PUBLIC FINANCE. An historical and comparative study of the theory and practise of public finance.

First term. *Professor Novotny*

73. ADVANCED MONETARY THEORY

Second term. *Professors James and Brecher*

68. POLITICAL THEORY

First term. *Professor Watkins*

Prerequisite: Political Science 311 or its equivalent.

69. POLITICAL INSTITUTIONS. Topic for 1950-51: Dominion-Provincial Relations in Canada; documents in the evolution of Canadian federalism.

Second term. *Professor Mallory*

76. PUBLIC ADMINISTRATION. A problem of contemporary administrative interest will be selected for analysis. The exact topic will be announced later.

First term. *Mr. Callard*

Students who have obtained at least second class standing in the honours B.A. course in Economics and Political Science in McGill University, or who have completed at least three full courses in Agricultural Economics at Macdonald College and at least two full courses in Economics and Political Science at McGill, with at least second class standing, are eligible for admission to the M.A. course. Students who hold the B.Com. from McGill with at least second class standing over-all and in all the required courses in Economics are eligible for admission to the M.Com. course. Students with equivalent qualifications from other approved institutions are also admissible.

Candidates for the Master's degree must pass in two written examinations on the work of two Seminars. They must also pass a comprehensive oral examination in three fields of study, one of which must be Political or Economic Theory. The results of these examinations will determine not only the candidate's qualifications for the Master's degree, but also if he may continue for doctoral study. A pass for the Master's degree does not necessarily imply permission to proceed to the doctorate.

A thesis on an approved subject is also required.

The optional fields for the comprehensive examination are: Economic Theory; Economic History; Economic Policy; Money and Banking; Labour Economics; Economic Institutions; Canadian Economic Problems; International Trade; Agricultural Economics; Political Theory; Comparative Government; American Government; Canadian and British Government and Constitution; Public Administration; International Law and International Organization.

Students who have achieved high standing in the M.A. in Economics, or the M.Com., at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years, one of which may be spent at an approved institution elsewhere. Students from institutions other than McGill, who have not passed the comprehensive oral examination for the Master's degree at McGill, will be required to pass this examination before submitting a dissertation. All doctoral candidates must pass an examination in unseen translation from authors in two modern languages other than English. French-speaking candidates may translate into French, but in that case one of the languages from which they translate must be English.

NOTE FOR CANDIDATES FROM THE UNITED STATES OR ABROAD

Candidates from the United States or elsewhere are advised that a Canadian honours degree in Economics and Political Science ordinarily comprises a reasonable acquaintance with the theoretic literature in both fields, a knowledge of the development of the science, and some degree of specialization in one field or the other.

McGill University is now prepared to offer instruction at the M.A. level in all the usual branches of Economics and Political Science. For the Ph.D., however, McGill is prepared to accept candidates only in the following branches: Economic Theory, Public Finance, Fiscal and Monetary Policy; Banking; International Trade; Employment Theory; Labour Economics, including wage theory and policy; Regional Economics and Economic Geography; Agricultural Economics; Political Theory; Legal Theory; Comparative Government and Comparative Legal Systems; Canadian Government and Constitution; Commonwealth Governments and Commonwealth Relations.

DEPARTMENT OF EDUCATION

Professor JOHN HUGHES, *Chairman*
Associate Professor A. B. CURRIE

CONDITIONS OF ADMISSION

Candidates for the degree of M.A. in Education must show (a) that they have satisfied the general conditions for registration as candidates for the M.A. degree as laid down on page 2611 of the Announcement, or

achieved distinction in the general course; (b) that they have attained a high standard (i.e. at least good second-class standing) in the work of the graduate year of training for the Teacher's High School Diploma, or its equivalent. On occasion, however, specially selected students may be permitted to work concurrently for the High School Diploma and for the M.A. degree in some relevant subject; in such cases the work for the M.A. must be spread over at least two years.

Candidates must also have done work in Psychology that is adequate for the needs of the M.A. course in Education, or else must complete an approved course in Psychology as part of their M.A. course. They must also supply a satisfactory report from the Graduate Record Examination; if this is impossible, they may be admitted conditionally and required to attempt this examination at the first opportunity.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Candidates are required to take (a) two of the seminar courses 61, 62, 63; (b) the directed study courses 64, 65; (c) an approved *advanced* three hour course in Philosophy or in Psychology; and to prepare an adequate thesis. In special cases an approved course in Educational Psychology may be substituted for course 61, in which case Philosophy will be required in (c) above.

61. SECONDARY EDUCATION
62. COMPARATIVE EDUCATION
63. BILINGUAL EDUCATION
64. HISTORY OF EDUCATION IN CANADA
65. A SELECTED TOPIC IN GENERAL HISTORY OF EDUCATION

Every one of these courses meets for one and a half hours weekly. For the convenience of School Inspectors, Supervisors, Principals, and others, the courses are planned for Friday evenings and Saturday mornings.

DEPARTMENT OF ELECTRICAL ENGINEERING

Professors — G. A. WALLACE, *Chairman*; E. G. BURR; C. V. CHRISTIE (*post-retirement*)

Associate Professors — R. A. CHIPMAN; F. S. HOWES; W. H. SCHIPPEL

Advanced courses of instruction and laboratory facilities are available for graduate students desiring to proceed to the Master of Engineering degree in either Electric Power or Electrical Communication Engineering, or to the Ph.D. degree in Electrical Communication Engineering.

I. ELECTRIC POWER ENGINEERING

Courses

G401. POWER SYSTEM STABILITY	*Professor Schippel*
G402. ELECTRIC MACHINE DESIGN	*Professor Schippel*
G403. INDUSTRIAL CONTROL DEVICES	*Professor Schippel*
G404. INDUCTIVE COORDINATION	*Professor Wallace*
G405. POWER SYSTEMS PROTECTION	*Professor Burr*

Courses G401, G402, and G403 each consist of two lectures per week throughout the session, together with such reading and problems as may be assigned by the instructor. Courses G404 and G405 each consist of two lectures per week for one term, with associated reading and problems.

Course Requirements

All students proceeding to the Master of Engineering degree in Electric Power Engineering are required to take course G411 or its equivalent in Applied Mathematics, together with such other courses from the above list as may be deemed necessary for progress in the special field of the student's interest and research.

Research

Facilities are available for studies in the following fields:

(a) Power System Stability.

(b) Design and Operation of Electric Power Equipment.

(c) Industrial Control, including Electronic Control Devices.

(d) Protection of Electric Power Systems.

(e) Electrical Measurements.

II. ELECTRICAL COMMUNICATION ENGINEERING

Courses

G411. APPLIED MATHEMATICS	*Professor P. R. Wallace (Department of Mathematics)*
G412* INTRODUCTION TO RADIATION THEORY	———
G413* ENGINEERING ACOUSTICS	*Professor Howes*
G414. RADIO EQUIPMENT DESIGN	———
G415. TELEPHONE TRANSMISSION, THEORY AND PRACTICE	*Gaston Gaudet*
G416. CIRCUIT ANALYSIS AND SYNTHESIS	*T. J. F. Pavlasek*

G417* RADIO FREQUENCY TRANSMISSION AND PROPAGATION — *Professor Chipman*

G418. PRINCIPLES OF ATOMIC STRUCTURE AND ENGINEERING APPLICATIONS — *Professor Chipman*

G419. PRINCIPLES OF SERVOMECHANISMS — *Professor H. G. I. Watson (Department of Physics)*

G420. GRADUATE SEMINAR — *Professors Chipman and Howes*

* Course G411 or its equivalent is prerequisite to courses G412, G413, and G417.

The above courses are given in the evening and each involves one two-hour lecture per week throughout the session.

Not all of these courses are given every year.

Course Requirement

The course requirement for the Master's degree in Electrical Communication Engineering is course G411, or its equivalent in Applied Mathematics, and any three of the other courses listed.

Participation in the Graduate Seminar (G419) is required of all candidates for the Master's degree in Communication Engineering in their final year.

Research

Facilities are available for research in the following fields:

(a) Circuits—Audio Frequency and High and Ultra-High Radio-Frequency.

(b) Micro-wave measurements.

(c) Radio noise studies.

(d) Antenna problems (limited).

(e) Electro-mechanical transducers (limited).

(f) Pulse-testing problems.

III. THESIS REQUIREMENT

In addition to the course requirement for the Master's degree, the student is required to submit a thesis based on his own research or development work in connection with some suitable problem in the broad fields of Electric Power or Communication Engineering. The subject of the thesis must be approved by the Department of Electrical Engineering at the beginning of the year in which it is to be submitted.

IV. GRADUATE EVENING COURSES IN COMMUNICATION ENGINEERING

Graduate engineers engaged in research, design, and development work in the field of Communication Engineering require more advanced training in mathematics, field theory, and circuit theory than can be included in undergraduate courses. In addition, there are many special phases of communication engineering which require, for their mastery, such advanced training.

Graduate evening courses in Communication Engineering administered by the Extension Department have been given at McGill University since 1941. Almost all of the engineers who register for these courses are employed full-time in industry in the Montreal area. In 1946, similar courses were started in Ottawa.

It is now generally recognized that these courses provide a necessary supplement to undergraduate training in communications and, in addition, provide the opportunity for graduates to complete the course requirement for the Master of Engineering degree, while gainfully employed.

Courses

All of the courses listed under II above are given in the evening and are available to graduates employed in industry. Students so employed during the day are permitted to take not more than two courses per session.

Registration

Evening students who wish to proceed to the Master's degree are not permitted to register with the Faculty of Graduate Studies until they have completed successfully the four required courses. They may then make application to the Department of Electrical Engineering for acceptance as graduate students in that department, and if they are accepted, they may proceed with registration in the Faculty of Graduate Studies.

Thesis

The general requirements for the thesis are those shown under Section III. Under certain circumstances, an evening course student may be permitted to base his thesis on research done in an industrial laboratory.

Residence Requirement

At least one full session of resident study at McGill University is required of a candidate for a Master's degree. Evening students who attend classes at McGill may be exempted from the requirement of full-time study when they have completed the course requirement. Students who take their course work in Ottawa are required to spend a session at McGill

which may be largely devoted to research and thesis preparation. Candidates for the Master's degree who are graduates of McGill and who are Civil Service employees of two or more years standing may have their residence requirement reduced to a half session only.

Fees

Fees paid by an evening course student for courses which he successfully completes will be credited toward the general graduate fee should he subsequently be accepted as a graduate student in the Department of Electrical Engineering.

V. REQUIREMENTS FOR THE PH.D. DEGREE IN COMMUNICATION ENGINEERING

(1) All the general regulations of the Faculty of Graduate Studies and Research for the degree of Ph.D. will apply.

(2) Candidates for the degree of Ph.D. in Electrical Engineering will be accepted only after they have obtained the M.Eng. degree in electrical engineering at McGill University or its equivalent from another institution, and their acceptance will depend on the standing obtained with the M.Eng. degree.

(3) A minimum of four courses of graduate level must be completed beyond the Master's degree. Of these one must be in advanced mathematics, one in physics, one in an engineering subject, and the fourth may be in any of these three fields or in some other field particularly relevant to the thesis topic of the student.

All four courses are to be chosen, in consultation with staff members, to augment most appropriately the previous work of the student.

The courses must be completed at least 12 months before the date on which the degree is obtained.

When it is planned to spread the Ph.D. program over more than two years beyond the Master's degree, at least one course should be taken in each year except the final one.

(4) A general oral examination covering the field of electronics and communication engineering will be held not less than 12 months prior to the expected date of graduation. If the results of this are not satisfactory, written examinations may be assigned, at the discretion of the department staff.

(5) After the acceptance of the thesis an oral examination covering its contents and related material will be held.

(6) Students registering for the Master's degree who have any thought of possibly proceeding to the Ph.D. degree are advised, particularly if their Master's degree work covers more than one academic session, to attempt at least one of the Ph.D. language examinations before registering for the Ph.D. degree. They may also be permitted, subject to departmental approval, to take one or two of the additional courses required for the Ph.D. degree, in the second or later years of their Master's degree work.

DEPARTMENT OF ENGLISH

Professors	H. G. Files, *Chairman* G. I. Duthie Arthur L. Phelps
Associate Professor	A. S. Noad
Assistant Professors	Joyce Hemlow S. E. Sprott

COURSES FOR THE DEGREE OF MASTER OF ARTS

Candidates for the degree of M.A. in English must take four courses, of which not more than two may be from section A below. At least one must be chosen from B; and one from C. A thesis must be written on some subject approved by the Department. Any student who has not had the equivalent of English 300 (Old English) will be required to take that course.

A

COURSES FOR UNDERGRADUATES AND GRADUATES

Any courses listed in this section which are not offered in the session of 1950-1951 will normally be offered in the following session.

Graduates choosing these courses may be asked to undertake some reading and research not required of undergraduates.

300. OLD ENGLISH — 3 hours

English Language and Literature up to the Norman Conquest. In the first term, readings from Anglo-Saxon prose; in the second term, a study of heroic poetry. The texts used are Bright's *Anglo-Saxon Reader*, and Klaeber's edition of *Beowulf*.

305. CHAUCER — 3 hours

310. MIDDLE ENGLISH — 3 hours

Studies in Middle English Literature (exclusive of Chaucer).

315a. NON-DRAMATIC ENGLISH LITERATURE OF THE SIXTEENTH CENTURY 3 hours

320. THE HISTORY OF THE ENGLISH DRAMA FROM THE BEGINNING TO 1642, EXCLUDING SHAKESPEARE 3 hours

325a. SHAKESPEARIAN TEXTUAL PROBLEMS 3 hours, first term

The course will deal with the early Shakespearian quartos and folios, the nature of the manuscript from which they were printed, and the principles which should guide a modern editor in arriving at an authentic text of the plays.

(*Not given in 1950-51.*)

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT 3 hours

331. CONTINENTAL AND EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT

335. THE ENGLISH NOVEL, WITH SOME REFERENCE TO FOREIGN WORK AND RELATED TYPES

(*Not given in 1950-51.*)

340. STUDIES IN LITERATURE SINCE 1900 3 hours

Contemporary authors, English and American, with special emphasis on novelists and dramatists.

345. STUDIES IN ENGLISH PROSE EXPRESSION FROM BACON TO THE PRESENT DAY 3 hours

350a. MILTON 3 hours, first term

350b. THE POETRY OF SPENSER 3 hours, second term

355a. THE ART OF POETRY 3 hours, first term

360. ENGLISH POETRY AND SOCIETY—1798 TO THE PRESENT TIME 3 hours

(*Not given in 1950-51.*)

365a. BRITISH POETS OF THE TWENTIETH CENTURY 3 hours, first term

365b. AMERICAN POETS OF THE TWENTIETH CENTURY 3 hours, second term

370. COMPARATIVE LITERATURE: THE CULTURE AND LITERATURE OF THE RENAISSANCE 3 hours

(*Not given in 1950-51.*)

375. COMPARATIVE LITERATURE: THE INFLUENCE OF ENGLISH UPON EUROPEAN LITERATURE IN THE 18TH AND 19TH CENTURIES 3 hours

380. COMPARATIVE LITERATURE: A STUDY OF SOME LITERARY TYPES, FROM THE RENAISSANCE TO THE PRESENT DAY 3 hours

(*Not given in 1950-51.*)

385. COMPARATIVE LITERATURE: HISPANIC CONTACTS WITH EUROPEAN LITERATURE
3 hours

390. COMPARATIVE LITERATURE: THE GREAT WRITINGS OF EUROPE
3 hours

For 1950-51, the period studied will be the 18th and 19th Centuries.

395. ENGLISH COMPOSITION Hours arranged

An advanced course for students qualified for mature and creative writing.

B

COURSES EXCLUSIVELY FOR GRADUATES

500. MEMOIRS, AUTOBIOGRAPHIES, AND LETTERS: THE LITERATURE OF PERSONAL REVELATION. Particular periods in European Literature are drawn upon each year. For 1950-51 the programme will be the following: the Classical Culture, the Middle Ages, and the Renaissance (up to c. 1600).

2 hours. *Professor Noad*

501. THE LITERATURE AND CULTURE OF THE ENGLISH RENAISSANCE, STUDIED IN RELATION TO THE CONTINENTAL BACKGROUND. Although English 370 is not a prerequisite, some general knowledge of the period is expected of students.

2 hours. *Professor Noad*

502. LITERARY CRITICISM. The nature of literature and literary criticism; the great critics and the critical thought of the West, from the beginnings in Greek criticism (with special emphasis on Plato, Aristotle, and Longinus), through the Renaissance, and down to the present time.

2 hours. *Professor Files*

503. STUDIES IN MYSTICAL AND OTHER RELIGIOUS LITERATURE IN ENGLAND DURING THE LATER SEVENTEENTH AND THE EIGHTEENTH CENTURIES. Various undercurrents of spiritual religion and theosophy; the influence of Boehme and Swedenborg; English developments. Permission of the instructor is necessary to elect this course.

2 hours. *Professor Files*

504. STUDIES IN LITERARY BEGINNINGS IN CANADA. Examination of the work of writers, or groups of writers, in relation to the Canadian scene and in relation to North American and trans-Atlantic literary influences. Selected course of study involving the examination and appraisal of literary culture in Canada in one or other of the literary types, analysis of the effect of dominant influences, and of the conditions which have furthered or thwarted intellectual and æsthetic development of individuals or groups of writers. Directed reading and research.

Permission of the instructor is necessary to elect this course.

2 hours. *Professor Phelps*

505. STUDIES IN SPENSER AND MILTON. This course will deal in the first term with Spenser's thought and poetic theories, his pastorals, satires, hymns and selected cantos from *The Faerie Queene*. In the second term emphasis will be placed on Milton and Christian Humanism. Milton's thought and art will be considered in relation to his time and to our own. These studies are designed for students whose undergraduate programs provided little leisure for a careful reading of such works as *Paradise Lost* and *The Faerie Queene*.

2 hours. *Professor Hemlow*

506. BACKGROUNDS TO SEVENTEENTH CENTURY LITERATURE. A study of developments in astronomy, the new science, religion, and morality, as they affect imagination and style in English Literature of the Seventeenth Century.

2 hours. *Professor Sprott*

590. A SPECIAL STUDY OF THE FIELD IN WHICH THE M.A. THESIS IS WRITTEN. Members of the Department will undertake to guide students in their reading and research.

Candidates for the M.A. will be expected, as a rule, to demonstrate their capacity for research by preparing a thesis in some special field of study. It is also possible, however, for a specially qualified student to substitute for the research thesis a suitable project in creative writing, such as a novel. Supervision will be provided when the Department has approved the choice of a project, and the student's qualifications for dealing with it.

C

Attention is called to a number of special fields in which the Department is ready to consider the possibility of advanced study, viz.:

Old English and Middle English

Spenser

Shakesperian textual criticism, and other studies relating to Shakespeare

Milton

Special studies in English literature since the 17th century

American and Canadian literature

Comparative literature; Utopian fiction; parody and burlesque; translation.

DEPARTMENT OF ENTOMOLOGY

(Macdonald College)

Professor W. H. BRITTAIN, *Chairman*

Associate Professors E. M. DUPORTE
F. O. MORRISON

Assistant Professor W. E. WHITEHEAD

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

60. INSECT MORPHOLOGY

1 lecture, 1 colloquium and 4 laboratory hours. *Professor DuPorte*

61. TAXONOMY. Each student must bring to the class a collection of the group of insects on which he desires to work, and may devote the greater portion of his time to a study of this group.

1 lecture, 1 colloquium and 4 laboratory hours. *Professor DuPorte*

62. INSECT PHYSIOLOGY

2 lectures and 4 laboratory hours. *Professor DuPorte*

63.* ECOLOGY

2 lectures, first term. *Professor DuPorte*

64. ECONOMIC ENTOMOLOGY

(a) Principles of Insect Control

2 lectures and 4 colloquia. *Professor Morrison*

(b) Problems of Insect Control. *Professor Morrison*

65. MEDICAL AND VETERINARY ENTOMOLOGY

2 lectures, 3 laboratory hours per week for 1 term. A more extensive course may be arranged for students interested primarily in this subject. *Professor DuPorte*

66. RESEARCH IN ENTOMOLOGY

4 laboratory periods. *Professors Brittain and Morrison*

Students are recommended to take courses offered by the Department of Zoology either as part of their major work or as a minor or cognate subject.

* This course is also open to advanced undergraduates.

M.Sc. REQUIREMENTS

Candidates for admission must have had (1) satisfactory undergraduate training in mathematics, physics, chemistry and biology; (2) at least second class standing in the undergraduate courses in entomology given at Macdonald College or their equivalent.

For students who satisfy these conditions the minimum period of study is one year, for others two years, one of which is a qualifying year.

In addition to writing a thesis, the student is required to take either course 60 or 61 and at least one other course. All students are required to take an active part in the seminar.

Ph.D. REQUIREMENTS

Students who have taken a high standing in the M.Sc. in Entomology at McGill University or its equivalent, may proceed to the Ph.D. degree in two additional years. Qualified students holding a B.Sc. degree may register directly for the Ph.D., but before being allowed to enter the second year such students must pass a searching oral examination to determine their fitness to proceed.

It is strongly recommended, and may be required, that the Ph.D. candidate should spend one of the three years of full-time study at an approved university, or research institution, other than McGill.

The student is also required to spend the equivalent of two summer seasons in research work at a government laboratory or other approved research institution.

Research facilities are available within the fields covered by the courses listed. Candidates with special problems should consult the Chairman of the department before making formal application.

Starting Point
50/51

DEPARTMENT OF EXPERIMENTAL MEDICINE

Professor	J. S. L. Browne, *Chairman*
Associate Professor	K. A. Evelyn
Assistant Professors	Bram Rose
	Eleanor Venning
Lecturers	K. R. Mackenzie
	L. G. Johnson
Research Fellow	Hector Mortimer

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates for an M.Sc. degree in Experimental Medicine must have had a high standing in their courses for the M.D., or, in the case of candidates

without a medical degree, at least second class honours in their undergraduate courses, particularly in Physiology and Biochemistry; candidates for the Ph.D. must obtain high standing in the M.Sc. course, if taken.

A. SEMINAR

1 hour. *Professor Browne and Staff*

B. ADVANCED ENDOCRINOLOGY (to be registered for as Biochemistry 62)

2 hours; may be taken in successive years.

C. CONFERENCES on candidates' reading and research.

D. COGNATE SUBJECTS. Each student may be required to take certain courses in cognate subjects, depending on the special field of Medicine in which his research work is directed.

E. LECTURES IN PHYSIOPATHOLOGY

1 hour. *The Staff*

All candidates for the M.Sc. degree must take the above courses and devote the remainder of their time to research, the accomplishment of which, as embodied in the thesis, will be the main consideration in recommending them for the degree. Candidates for the Ph.D. will continue these courses throughout the first two years of graduate study, while the final year is entirely devoted to research.

ADVANCED STUDY

In addition to courses leading to the M.Sc. and Ph.D. degrees, the Department of Medicine offers opportunities for advanced study in the clinical field to properly qualified graduates. For further information apply to the Secretary of the Faculty of Medicine.

DEPARTMENT OF EXPERIMENTAL SURGERY

Professors G. GAVIN MILLER, *Chairman*
R. R. FITZGERALD

Director of Laboratories D. R. WEBSTER

The Experimental Surgical Laboratories provide facilities for graduate research.

MASTER OF SCIENCE IN SURGERY

A. *Prerequisites*—A candidate for the degree of Master of Science in Surgery must possess an M.D. degree together with a better than average academic record. His previous interest and experience in investigative work is taken into consideration in the selection of such a candidate.

B. *Requirements*—The majority of the student's time shall be devoted to research in some special field of investigative work. A thesis covering this subject, judged chiefly upon its original quality, shall be the prime requisite for his degree.

In addition, the student shall be required to attend certain courses of graduate instruction in the basic sciences which will be chosen, when possible, in association with his individual research problem. His work in these courses must satisfy the instructors concerned, by whatever form of examination may be deemed necessary by them.

For the purpose of supervising and directing the student's research, conferences are held frequently within the department. Such technical assistance as may not be available locally is sought elsewhere for the benefit of the student.

DEPARTMENT OF FRENCH

Professors	J. E. L. Launay, *Chairman* Pierre C. Nardin
Associate Professors	Lucie Touren Furness Mme. P. L. Larivière
Assistant Professors	Louis d'Hauteserve André A. Rigault

COURSES FOR THE DEGREE OF MASTER OF ARTS

60. INTRODUCTION À LA LANGUE ET À LA LITTÉRATURE FRANÇAISES DU MOYEN-ÂGE.
2 hours. *Professor Nardin*

61. LA CRITIQUE LITTÉRAIRE (Histoire et Méthodes).
2 hours. *Professor Nardin*

62. PASCAL
1 hour. *Professor Larivière*

63. EXERCICES PRATIQUES (Colloquia)
1 hour.

64. VICTOR HUGO
1 hour. *Professor Furness*

65. COURS DE TRADUCTION AVANCÉE
2 hours. *Professor Launay*

*44a. HISTOIRE DE LA LANGUE FRANÇAISE
1 hour. *Professor d'Hauteserve*
(*Given 1951-52.*)

*44b. FRENCH STYLISTICS
2 hours. *Professor Launay*
(*Given 1951-52.*)

*45. HISTOIRE DU ROMAN EN FRANCE
3 hours. *Professor Launay*

*46. HISTOIRE DE LA POÉSIE LYRIQUE EN FRANCE
2 hours. *Professor Larivière*
(*Given 1951-52.*)

*47. LA LITTÉRATURE FRANÇAISE CONTEMPORAINE
3 hours. *Professor Larivière*

*48. ADVANCED PHONETICS
2 hours. *Professor Rigault*

*49. LA LITTÉRATURE DE LA RENAISSANCE
3 hours. *Professor Nardin*

Candidates for the Master's degree in French will take courses 60, 61, 62, 64, 65, and one course in the Department of English selected in consultation with the Chairman of the French Department.

The M.A. thesis must be written in French.

Students cannot normally obtain an M.A. in less than two years (one year for prerequisite courses, one year for research and writing of thesis). Students from other Provinces and States where the opportunities of speaking French are small may be required to take a "Qualifying Year" of studies before they are accepted by the Faculty as Graduate Students. During this "Qualifying Year" students are required to take at least two full undergraduate honours courses (which they must pass with second-class standing) and such other subsidiary courses (phonetics and translation) as the Department may direct. In certain cases students accepted for the "Qualifying Year" only may be advanced to full graduate standing at the end of the first term of the winter session if they have shown sufficient promise and ability in their first three months of work.

Students from other universities applying for admission to the Graduate Faculty as French specialists must hold a B.A. degree with at least good second-class standing in French, or the equivalent. This must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940. Whenever possible an interview will be arranged prior to admission to graduate standing.

*These are also Honours Courses in the Faculty of Arts and Science.

REGULATIONS FOR THE MASTER OF ARTS DEGREE TAKEN IN THE FRENCH SUMMER SCHOOL

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

2. Requirements for the Master's degree:

(a) The student must hold the degree of B.A. from McGill University or from another institution of recognized standing, with at least second class honours in French, or the equivalent of second class honours in French as granted by McGill University—which must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940.

(b) A student qualified as in 2 (a), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session.

(c) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

Students whose record is considered the equivalent of the B.A. degree with at least second class honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. *At the end of their second session they will apply for admission to the Faculty as candidates for the M.A. degree, provided they have completed the course requirements for the first two sessions, but they will not register in the Graduate Faculty until the end of the fourth session; they must then register with the Dean as non-resident students, pending completion of the required thesis.* (See also Section 18 of the General Faculty regulations, page 2617.)

Students who hold a B.A. degree but whose record is not considered the equivalent of the McGill B.A. with at least second class honours in French, may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions. They will also be admitted to the Graduate Faculty at the end of the second summer session, provided that they have obtained at least a high second class standing in the courses of the first two summer sessions.

4. In the case of students of honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three

lectures per week. The decreasing number of courses through the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session at latest. Each student works under the guidance of a director of research who is a member of the French Summer School staff. The only listed course which may be taken for credit in more than one session is No. 31 (in 1950 Summer School) Advanced Composition (see below).

Students may be required to take certain courses which are changed from year to year, and in any case:

30. ADVANCED FRENCH STYLISTICS. Students are advised to take this course during their second or third session.

31. ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

A. Entrance Requirements

Candidates for the Ph.D. degree in French language and literature must hold the M.A. degree in French from McGill University or its equivalent, and their admission must be recommended by the Chairman of the Department of Romance Languages. Students who have not obtained their M.A. degree in French at McGill University will be required to (a) submit evidence of their ability to speak French and to understand French conversation and lectures, (b) undergo a written entrance examination.

In the case of students unable to come to Montreal for an interview, examination papers will be sent on request to an institution near the candidate's residence and arrangements will be made for the examination to take place under the supervision of that institution.

The examination will consist of four papers as follows:

1. Translation from English into French—1 hour: no dictionary allowed. Approximately 20 lines of easy prose to test knowledge of syntax, and approximately 20 lines of literary prose to test extent of vocabulary and feeling for the language.

2. Translation from Latin into French or English—1 hour: dictionary allowed. As an indication of the proficiency needed for this test, candidate should be able to read without difficulty: Cæsar, *De Bello Gallico*, or Cicero, *De Amicitia* or *Pro Archia*.

3. General questionnaire on the history of French Literature from 1600 to 1914—1 hour.

4. A French essay dealing with an aspect of the field in which research was done for the M.A. thesis—2 hours.

B. Courses of Study

Ph.D. candidates will normally spend two years of resident study at McGill University; on the recommendation of the Department, one year may be taken at a recognized French speaking University in Europe.

The curriculum will include seminars in,

(a) Morphology, philology, and syntax of old and modern French.

(b) Advanced phonetics and translation and stylistics.

(c) Studies in mediæval, classical, and modern French literature.

(d) Cognate courses in linguistics and comparative Romance literatures.

(e) Courses in Latin, Spanish, or Italian, as required.

The above listed seminars and the work required for them will occupy almost the whole of the candidate's time during the two years of resident study, and candidates should not expect to be able to make much progress with the Ph.D. thesis during these two years, although further resident study will not be demanded.

C. Examinations

In addition to sessional examinations held at the end of each course, candidates will be required to pass a general comprehensive examination, oral and written, at the end of their second year. The object of this examination will be mainly to ensure that students can write faultless literary French with accuracy, and lecture in French fluently and with authority.

D. Thesis

The thesis should be an original contribution to knowledge of not less than 50,000 words. It should be written in French.

E. Fields of Research

The Department is prepared to accept subjects in the following fields:

Philology, Morphology, Syntax, and Stylistics of the French Language from its origin to the present day.

Problems of Translation.

Studies in comparative literature involving French, English, and Canadian literatures.

Studies in the French novel.

Studies in French poetry from the classical period to 1914.

Problems of literary style and expression in prose.

DEPARTMENT OF GENETICS

Associate Professors	J. W. Boyes, *Chairman*
	Hans Kalmus
Assistant Professor	E. R. Boothroyd
Lecturer	F. C. Fraser

Students in the following categories will be accepted for graduate studies in this Department:

1. Honours graduates in either Botany or Zoology at McGill who have completed at least one full course in Genetics and one full course in the non-honours subject of either Botany or Zoology.

2. Honours graduates in Functional Biology at McGill provided only that they must have a minimum of two full courses in each of Zoology and Botany and three full courses in Genetics.

3. Graduates of McGill who have taken a continuation in Genetics plus a minumum of two full courses in each of Zoology and Botany, who have an average standing of over 65%.

4. Students from other Universities or Agricultural Colleges who have records approximately equivalent to those of any of the first three categories.

5. Students who have completed the General Honours Course in Biological Subjects with standing acceptable to this Department.

Other students who have fulfilled part of the above requirements or have a sound knowledge of General Biology plus other special qualifications will normally be required to spend a qualifying session on an approved programme of studies.

The Department will welcome students from other fields of Biological Science or Agricultural Institutions who are interested in familiarizing themselves with the significance of hereditary variables in their particular fields of interest.

With the co-operation of the Department of Botany and the Faculty of Agriculture adequate laboratory, greenhouse, field, and library facilities are available for research in Plant or Animal Genetics and Cytology.

COURSES FOR HIGHER DEGREES

32a. CYTOLOGY (Half course)
First term: 2 hours and a 3-hour laboratory period. *Professor Boothroyd*

36b. DEVELOPMENTAL GENETICS (Half course)
Second term: 3 hours. *Dr. Fraser*

43b. ADVANCED GENETICS AND CYTOGENETICS (Half course)
Second term: 3 hours. *Professor Boyes and Staff*

44. BIOMETRY (Full course). Applications of statistics to research problems in biology.
2 hours lectures and 3 hours of computation.

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION (Half course)
First term, 3 hours. *Professor Boyes*

51. SEMINAR. Weekly reports by students and staff on current researches in Cytology and Genetics.

52. BIOLOGICAL COLLOQUIUM

Courses in other Biological Sciences at McGill and courses in Plant Breeding or Animal Breeding at Macdonald College may be required when it is desirable to extend the student's general background or experience for a particular problem.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Four of the above courses are required for the Master's degree in addition to a thesis on a research problem.

A sound knowledge of General Biology is prerequisite.

The research problem may be in Genetics or Cytology or Cytogenetics.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Only candidates who have shown indications of distinct research ability during their Master's training will be permitted to register for the Ph.D. degree. Course 51 must be taken in each year, and students must participate in the Biological Colloquium. See general regulations for further requirements.

DEPARTMENT OF GEOGRAPHY

Associate Professors	F. K. HARE, *Chairman*
	BOGDAN ZABORSKI
Lecturer	H. N. LASH
Honorary Lecturer	A. L. WASHBURN

The Geography Department offers the degrees of M.A., M.Sc. and Ph.D. in Geography, and (in special circumstances) an M.Sc. degree for work in Meteorology.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

Arts graduates who have completed, with at least second class standing, four full courses (or their equivalent) in Geography, together with such courses in cognate subjects as the Chairman of the Department deems appropriate, may be admitted to candidacy for the M.A. degree, and become eligible to take the examinations and submit a thesis at the end of one session. All others will normally be required to spend a preliminary qualifying session on an approved programme of studies, or to spread their M.A. work over two sessions.

Candidates must

(1) pass final examinations in two of the three graduate courses listed below;

(2) submit a thesis on an approved subject falling within the scope of one of them;

(3) attend prescribed courses in History, Economics, Sociology, or other cognate subjects.

In arriving at the candidate's final standing, primary consideration will be given to the quality of the thesis.

Regular lecture or seminar courses available for M.A. candidates are listed below as courses 61, 62, 63 and 67. In special circumstances, the student may be permitted to substitute one or more of the M.Sc. courses (64, 65 and 66).

M.A. COURSES

61. HISTORY OF GEOGRAPHICAL SCIENCE AND DISCOVERY
1 hour.

62. HISTORICAL GEOGRAPHY OF SELECT AREA IN NORTH AMERICA
1 hour.

63. REGIONALISM AND REGIONAL SURVEY
1 hour. *Professor Hare*

67. THE GEOGRAPHY OF THE ARCTIC (see under M.Sc. courses)
1 hour. *Dr. Washburn*

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Science graduates who have completed, with at least second class standing, three full courses (or their equivalent) in the Department of Geography, and have taken Geology 1 or 2, together with such other courses in cognate subjects as the Chairman of the Department deems appropriate,

may be admitted to candidacy for the M.Sc. degree and become eligible to take the examinations and submit a thesis at the end of one session. All others will normally be required to spend a preliminary qualifying session on an approved course of studies, or to spread their M.Sc. course over two sessions.

Candidates must

(1) pass final examinations in two of the three graduate courses listed below;

(2) submit a thesis on an approved subject falling within the scope of one of them;

(3) attend prescribed courses in Geology, Botany, Physics, or Mathematics.

In arriving at the candidate's final standing, the examiners will be guided mainly by the quality of the thesis.

Regular lecture or seminar courses available for M.Sc. candidates are listed below; in special circumstances the candidate may be permitted to substitute one or more of the M.A. courses (61, 62 and 63).

M.Sc. COURSES

64. ADVANCED CLIMATOLOGY
1 hour. *Professor Hare*

65. THE PHYSICAL GEOGRAPHY OF A SELECT AREA OF NORTH AMERICA
1 hour *Professors Hare and Zaborski*

66. CARTOGRAPHY, WITH PARTICULAR REFERENCE TO SPECIAL PURPOSE MAPS
1 hour. *Professor Zaborski*

67. THE GEOGRAPHY OF THE ARCTIC
A seminar course conducted by Dr. Washburn, Director of the Arctic Institute of North America, and members of the staff.
1 hour. *Dr. Washburn*

Adequate laboratory and library facilities exist for research in all the above-named fields of study.

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Students who have attained high standing in the M.A. or M.Sc. in Geography at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years. Only in exceptional circumstances will a student be allowed to register for the Ph.D. without having first taken the Master's degree.

All Ph.D. students will be required to undertake at least one extended programme of supervised field work.

Normally the Department will restrict admission to the Ph.D. course to students prepared to work in one or other of the following fields: The Physical, Regional, and Historical Geography of North America (including the Arctic) and Europe, The History of Geographical Exploration in North America, and Climatology.

Ph.D. COURSE WORK

A broad familiarity with the entire field of geographical science will be assumed in all students who enter the Ph.D. years of graduate study. A formal routine of course-work will not be laid down for such students, as their needs may differ, but in general it may be said that four or five formal courses (selected by the Department) beyond the requirements of the Master's Degree will be suggested. Before he is permitted to submit his thesis, the student will be required to present himself for written examination in the following fields:

1. Two three-hour papers in the systematic branches of geography (viz. physical, economic, and historical geography; cartography).

2. Two three-hour papers in the geography of selected major regions (e.g. Europe, Canada, the Arctic).

In these papers, the student will be expected to demonstrate a high level of professional competence, especially as regards familiarity with the literature, methodology, and organization of modern geography.

In accordance with the regulations of the Graduate Faculty, these examinations will normally be held at the end of the second year.

M.Sc. IN METEOROLOGY

A limited number of students who have adequate training in Mathematics and Physics, and who have access to facilities for research in Meteorology, may be accepted as candidates for the M.Sc. in that subject.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	JOHN J. O'NEILL, *Chairman*
	T. H. CLARK
	J. E. GILL
	RICHARD P. D. GRAHAM (*post-retirement*)
Visiting Professor	E. H. KRANCK
Associate Professor	A. W. JOLLIFFE

GENERAL STATEMENT

Entrance to graduate work in Geological Sciences may be through the course in Mining Engineering (B.Eng. with good second class standing) or through the honours course in Geological Sciences (B.Sc., honours geology).

Graduate students in this Department must present evidence of satisfactory field work under competent direction for at least one summer, before being eligible for an advanced degree.

COURSES FOR THE MASTER'S DEGREE

Students who have not satisfactorily completed courses equivalent to the undergraduate courses listed below must make up any deficiency, and, in addition take graduate courses, A, B, E, and one other as advised. The thesis must conform to the general regulations.

UNDERGRADUATE COURSES

10a. PETROLOGY. The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

2 hours and laboratory period.

Second term.

Prerequisite: Geology 1, 5, 6.

Textbook: Pirsson and Knopf, Rocks and Rock Minerals (Wiley, 1926).

10b. PETROGRAPHY. (Engineering 1148.) Third year.

The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 10a.

Textbook: Rogers and Kerr, Optical Mineralogy.

3a. STRATIGRAPHY. The principles of sedimentation—weathering; sources and origin of sedimentary rocks; significance of their textures and structures.

The structural relationship of strata; areal distribution of sedimentary rocks.

Reference is made throughout the course to matters of economic importance.

First term: 2 hours, 1 hour laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisite: Geology 1.

Text: Twenhofel, Principles of Sedimentation.

12b. PALEONTOLOGY. The development of ideas concerning the origin of fossils. Kinds of fossils; collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological classifications, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

Second term: 2 hours and laboratory and 1 full day's field work in April.
Professor Clark

This may be omitted as a requirement for some M.Sc. students.

Prerequisite: Geology 1 or Zoology 1.

11b. HISTORICAL GEOLOGY. Earth origin. Geological time and time table. Principles of correlation. Index fossils. Origin and development of continents and oceans; geosynclines, epicontinental seas, and coastal plains; terrestrial sediments. Paleogeography. The main part of the course will deal first with the physical development, period by period, of North America, with brief attention to other continents, and second, with the attendant evolution of life as revealed by fossils.

Second term: 2 hours lectures and one 2-hour laboratory period.
Professor Clark

Prerequisite: Geology 1.

Textbook: Dunbar, Historical Geology, 1949.

9a. OPTICAL MINERALOGY. Topics covered in the lectures include refraction and double refraction, polarization of light, and the nature of and reason for the various optical characters exhibited by crystals. The laboratory course gives practice in the determinations of these characters, using the polarizing microscope, axial angle, and other instruments.

1 lecture and 3 hours laboratory period, first term. *Professor Jolliffe*

Prerequisite: Geology 1, 5, 6.

2a. PHYSIOGRAPHY. A study of the surface features of the earth, their origins, changing aspects, and influence on human activities. Special attention is given to the significance of various land forms in relation to soils, bedrock, and rock structure and the distribution of natural resources. Maps, photographs, and local topographies provide illustrations.

First term: 2 hours, and 1 laboratory period. *Professor Gill*

Prerequisite: Geology 1.

Textbook: Lobeck, Geomorphology, 1939 (McGraw-Hill).

4b. GEOLOGY AND NATURAL RESOURCES OF CANADA. A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests,

water powers and other minor resources of Canada. Maps and photographs are used to illustrate the course.

Second term: 3 hours. *Professor Gill*

Prerequisite: Geology 1.

Assigned Readings.

8. ORE DEPOSITS. Nature, origin, mode of occurrence and classifications of deposits of metallic, and of important non-metallic minerals; typical occurrences; geographical distribution.

2 hours, with laboratory in second term. *Professor O'Neill*

Prerequisite: Geology 7 and 10.

References: Emmons, Principles of Economic Geology, 1940 (McGraw-Hill); Bateman, Economic Mineral Deposits, 1942 (Wiley).

GRADUATE COURSES

A. STRUCTURAL GEOLOGY

Lectures and colloquia, 2 hours. *Professor Gill*

B. GEOLOGICAL COLLOQUIUM

This course must be taken by all graduate students in Geology in the first and second years.

E. PETROLOGY AND PETROGRAPHY

3 hours and laboratory. *Professor Kranck*

Textbooks: Bowen, Evolution of Igneous Rocks (Princeton University Press); Tyrrell, Principles of Petrology (Dutton); Harker, Metamorphism (Methuen); F. J. Turner, Evolution of the Metamorphic Rocks (G.S.A. Mem. 31).

I. GEOLOGY AND PROBLEMS OF THE PRE-CAMBRIAN

Lectures and seminar at least 2 hours per week, second term. *Professor O'Neill*

J. GEOLOGICAL MAP INTERPRETATION

1 hour seminar with assigned problems. *Professor Gill*

L. ADVANCED PETROLOGY AND PETROGRAPHY

Seminar and at least 9 hours laboratory work per week. *Professor Kranck*

M. ADVANCED MINERALOGY

3 hours seminar and laboratory per week. *Professor Jolliffe*

N. ADVANCED STRATIGRAPHY

Hours to be arranged. *Professor Clark*

O. PHYSIOGRAPHY
Seminar 1 hour. *Professor Gill*

P. ADVANCED PALEONTOLOGY
Hours to be arranged. *Professor Clark*

Q. ADVANCED ECONOMIC GEOLOGY
Seminar, 2 hours. *Professors O'Neill, Gill, and Jolliffe*

R. ADVANCED STRUCTURAL AND DYNAMICAL GEOLOGY
At least 2 hours seminar per week. *Professor O'Neill*

Courses for the Degree of Doctor of Philosophy will be selected from the list of graduate courses according to the student's particular interest, on the advice of his director of research. The thesis must conform to the general regulations.

DEPARTMENT OF GERMAN

Professor W. L. GRAFF, *Chairman*
Assistant Professor BERTHA MEYER

PREREQUISITES

In order to be admitted to graduate work in German the candidate must have a B.A. degree with Honours in German and at least second class standing from McGill University, or an equivalent B.A. degree from another College or University of recognized standing.

In estimating the quality and contents of the required undergraduate work the following factors must be borne in mind:

1. The candidate must be able to understand and read German. He must be able to speak it fairly fluently and to write it correctly. Lectures and Seminars are conducted in German. The thesis must be written in German, under the supervision of the Department.

2. Prerequisite literary studies include

(a) A survey of German literature from its beginnings to the 20th century, with emphasis upon developments since Lessing, supplemented by collateral readings (two full courses).

(b) A more detailed study of several special fields. In this respect the undergraduate curriculum of McGill University comprises one full course in the history of the tragedy (one year), one half course in the German lyric, and one half course on Goethe's Faust. Substitutes for these, if found satisfactory, will be honoured by the Department.

(c) A full course in the Middle High German Language and the reading of selected passages from Middle High German Literature (one year).

COURSES FOR THE DEGREE OF MASTER OF ARTS

61. GOETHE
1 meeting weekly. *Professor Graff*

62. LESSING
1 meeting weekly. *Professor Meyer*

63. GERMAN ROMANTICISM
1 meeting weekly. *Professor Graff*

64. GOTHIC AND INTRODUCTION TO GERMAN PHILOLOGY
1 meeting weekly. *Professor Graff*

10. FROM NATURALISM TO EXPRESSIONISM
3 hours. *Professor Graff*

13. HISTORY OF THE TRAGEDY IN GERMAN LITERATURE
2 hours. *Professor Graff*

Courses 10 and 13 are Advanced Honours Courses in the Faculty of Arts and Science. If not already taken they may be chosen for the M.A. degree under the conditions outlined in the following paragraphs.

When German is taken as the only or major subject two courses are selected from 61, 62, 63, in consultation with the Department.

If the candidate has never taken the undergraduate course in Middle High German Language and Literature or its equivalent, he must make up this deficienty.

A student intending to proceed to the Ph.D. degree in German at another university is strongly recommended to take course 64 in addition to the two selected.

As a rule the candidate is advised not to attempt to complete the course work and finish the thesis in one winter session. The best arrangement is: Course studies during the winter session, thesis during the summer, graduation in the autumn.

When German is the minor subject chosen by the candidate, at least one course is selected from 61, 62, 63, in consultation with the Department, and the other course may be 10 or 13. The Middle High German requirement is not essential in this case.

NOTICE TO CANDIDATES FOR THE Ph.D. DEGREE IN OTHER ARTS OR SCIENCE SUBJECTS

The Department offers a course for graduate students who are required to pass a special test showing that they have a reading knowledge of German. This course is given once a week at 5 p.m. on a day to be

arranged. It is not designed to build up that reading knowledge by a systematic approach, but rather to guide and advise students in their own efforts and to help solve their difficulties. Those who decide to take it should do so during the session preceding that in which the required language test is held.

DEPARTMENT OF HISTORY

Professors H. N. FIELDHOUSE, *Chairman*
E. R. ADAIR

Associate Professors J. I. COOPER
C. C. BAYLEY

Assistant Professor W. S. REID

COURSES FOR THE DEGREE OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

A. HISTORICAL METHOD AND THE PHILOSOPHY OF HISTORY

This seminar consists of two sections:

(1) Historical Method and Criticism

1½ hours throughout the session. *Professors Adair, Bayley, and Cooper*

(2) Philosophy of History

1½ hours, first term. *Professor Fieldhouse*

B. THE HISTORY AND PERSONNEL OF THE ENGLISH HOUSE OF COMMONS IN THE LATE XIV CENTURY

Seminar, 1 hour. *Professor Bayley*

C. THE WYCLIFITE MOVEMENT IN ITS RELIGIOUS AND SOCIAL ASPECTS

Seminar, 1 hour. *Professor Bayley*

D. SCOTLAND ON THE EVE OF THE REFORMATION

Seminar, 1 hour. *Professor Reid*

E. THE SEVENTEENTH CENTURY

Seminar, 1 hour. *Professor Adair*

F. ENGLISH HISTORY, 1688-1760

Seminar, 1 hour. *Professor Fieldhouse*

G. ENGLISH HISTORY, 1870-1914

Seminar, 1 hour. *Professor Reid*

H. WESTERN EUROPEAN HISTORY, 1870-1914, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY

Seminar, 1 hour. *Professor Fieldhouse*

I. A SELECTED PERIOD IN THE HISTORY OF FRENCH CANADA, DOWN TO 1800
Seminar, 1 hour. *Professor Adair*

J. A SELECTED TOPIC IN CANADIAN HISTORY, 1800-1900
Seminar, 1 hour. *Professor Cooper*

K. HISTORY OF A QUEBEC PARISH
Seminar, 1 hour. *Professor Adair*

The Department is prepared to direct the research of graduate students in the following fields:

British History:

(a) English history in the later Middle Ages.

(b) Scottish history in the XV and early XVI centuries.

(c) English and French history in the XVI and XVII centuries.

(d) English history, 1688-1760.

(e) English history, 1870-1914.

(f) Certain aspects of English economic history.

(g) Certain aspects of British foreign policy since 1815.

European History:

(a) The constitutional development of the Holy Roman Empire in the XIII century.

(b) English and French history in the XVI and XVII centuries.

(c) The history of western Europe 1870-1914.

Canadian History:

(a) The history of New France.

(b) The history of the French and English in the Province of Quebec.

(c) The general history of English-speaking Canada.

The Redpath Library is well equipped with printed sources for the periods and subjects mentioned above, and students pursuing research in Canadian History will be required, as occasion arises, to avail themselves of the manuscript resources of the Dominion Archives at Ottawa and the Provincial Archives at Quebec, and of parochial and other records in Montreal and its vicinity.

Graduate work in the Department of History is directed through seminars and conferences. Students are expected to acquire a sound knowledge of methods of historical research and the ability to apply them in practice. Candidates both for the M.A. and for the Ph.D. are therefore required to take Course A, and to take the prescribed examination.

In the case of the Ph.D. degree, the Department may require candidates to spend one year (or, in the case of McGill graduates, if it should seem desirable, two years) in resident study and research at another approved university or repository of archives. In all such cases, the approval of Faculty is required.

The preliminary Ph.D. examination requirements (discussed in this Announcement, in the section dealing with the general regulations for the degree of Doctor of Philosophy), will be replaced by a report from the Department of History on the general work and ability of each candidate and by a general examination on the historical background of the subject on which the thesis is to be written; this examination can be taken either at the end of the first year or during the second, as decided by the director of the candidate's studies.

Candidates are advised to satisfy the language requirements for the degree of Doctor of Philosophy as early as possible in their course; they should consult the Department as to the selection of the two foreign languages in which they propose to be examined, as these must be chosen for their bearing upon the candidate's special field and the special subject of his research.

DEPARTMENT OF HORTICULTURE

(Macdonald College)

Associate Professor	H. R. MURRAY, *Chairman*
Assistant Professors	JOHN DAVID
	A. N. NUSSEY
Lecturer	D. W. PETTIT

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. POMOLOGY

Lectures and colloquium, 3 hours; laboratory, 3 hours.

B. VEGETABLE CROPS

Lectures and colloquium, 3 hours; laboratory, 3 hours.

C. EXPERIMENTATION. (See Course 60—Department of Agronomy)

D. PLANT PHYSIOLOGY. (See Course 61—Department of Botany)

E. ADVANCED GENETICS AND CYTOLOGY. (See Course 43b—Department of Genetics)

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

1. A candidate must select either Course A or Course B and in addition Agronomy 60 (Experimentation) and at least one further course approved by the Faculty such as Botany 61 (Plant Physiology) or Genetics 43b (Advanced Genetics and Cytogenetics).

2. The research problem must be approved by the Departments involved, each candidate being jointly responsible to the Department of Horticulture and to some other Department, such as Botany, Genetics, or Plant Pathology, approved by the Faculty for his case.

3. The candidate must spend one summer in the Department before or during the course, or have its equivalent at some other approved institution.

DEPARTMENT OF MATHEMATICS

Professors	H. Tate, *Chairman*
	P. R. Wallace
	W. L. G. Williams
	Hans Zassenhaus
Associate Professors	Charles Fox
	E. M. Rosenthall
Assistant Professors	R. A. Bradley
	J. D. Jackson
	T. F. Morris

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Applied Mathematics

61. METHODS OF MATHEMATICAL PHYSICS. Introduction to the equations of mathematical physics, classification of differential equations, integral representations, the solution of problems of mathematical physics involving the Laplace, Poisson, and scalar and vector Helmholtz and wave equations; tensor calculus.

2 hours. *Professor Morris*

Textbook: H. Feshbach and P. M. Morse, Methods of Theoretical Physics (Technology Press, M.I.T.).

62. QUANTUM MECHANICS (Physics 62). Introduction to the ideas and methods of quantum theory, with illustrations from the simpler physical applications.

2 hours. *Professor Wallace*

Textbook: L. Schiff, Introductory Quantum Mechanics (McGraw-Hill).

References: Rojansky, Introductory Quantum Mechanics (Prentice-Hall); Pauling and Wilson, Introduction to Quantum Mechanics (McGraw-Hill); Frenkel, Wave Mechanics, Elementary Theory (Oxford); Gurney, Elementary Quantum Mechanics (Cambridge).

63. ADVANCED QUANTUM MECHANICS. A course in the Quantum Mechanics of Nuclear Processes, consisting of (a) basic theory and (b) special problems of current interest; the problems discussed vary from year to year.

2 hours. *Professor Wallace*

References: Bethe, Elementary Nuclear Theory (Wiley); Rosenfeld, Nuclear Forces, Vols. I and II (Interscience).

64. MATHEMATICS OF QUANTUM CHEMISTRY. Atomic structure, chemical bonding, theory of valency, elements of quantum statistical mechanics: for second year graduate students.

2 hours. *Professor Wallace*

Textbooks: Heitler, Elementary Wave Mechanics (Oxford); Glasstone, Theoretical Chemistry (Van Nostrand).

References: Pauling and Wilson, Introduction to Quantum Mechanics (McGraw-Hill); Dushman, Elements of Quantum Mechanics (Wiley); Gurney, Elementary Quantum Mechanics (Cambridge); Mott, Outline of Wave Mechanics (Cambridge); Penney, Quantum Theory of Valency (Methuen); Eyring, Kimball & Walter, Quantum Chemistry (Wiley).

65. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Physics 65). Classical and quantum statistical mechanics, with applications; statistical theories of the gaseous, liquid and solid states, including kinetic theory of gases, Debye theory of specific heats, dielectrics and magnetism, theory of strongly degenerate gases, Planck radiation law, electron theory of metals, Bose-Einstein condensation theory of liquid helium II.

2 hours.

(*Not offered in 1950-51.*)

Textbook: Lindsay, Physical Statistics (Wiley).

References: Mayer and Mayer, Statistical Mechanics (Wiley); Fowler, Statistical Mechanics (Cambridge); Tolman, Statistical Mechanics (Oxford); Schrödinger, Statistical Thermodynamics (Cambridge); Rice, Statistical Mechanics (Constable); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

66. RELATIVITY. The Lorentz transformation, mechanics in special theory of relativity, relativistic formulation of electromagnetic theory. Motion of particles in the electromagnetic field, the physics of relativistic particles, with reference to high-energy accelerators and cosmic ray phenomena,

spinor calculus, the Dirac theory of the electron, relativistic invariance in quantum theory. Other relativistic fields, e.g. meson.
2 hours. *Professor Wallace*

References: MacCrea, Relativity Physics (Methuen); Bergmann, Introduction to the Theory of Relativity (Prentice-Hall); Heitler, Quantum Theory of Radiation (Oxford).

67. FLUID DYNAMICS. Ideal fluids and vortex motion. Viscous fluid and boundary layer theory. Aerofoil theory. Turbulence. Compressible fluid flow.
2 hours. *Professor Fox*

Textbooks: Goldstein et al, Modern Developments in Fluid Mechanics (Oxford); Glauert, Aerofoil and Airscrew Theory (Cambridge).

68. ELECTRO-MAGNETIC THEORY. Solution of advanced problems in electrostatics and current theory. Maxwell equations. General theory of propagation, reflection, refraction and dispersion. Theory of antennae. Theories of terrestrial radio propagation. Relativistic invariance of the wave equations and general radiation theory. *Professor Jackson*

Textbooks: Smythe, Static and Dynamic Electricity (McGraw-Hill); Stratton, Electromagnetic Theory (McGraw-Hill).

69. SEMINAR IN APPLIED MATHEMATICS. Graduate students proceeding to an advanced degree with specialization in Applied Mathematics will be expected to attend and to participate in this seminar, which will be devoted to discussions of current research topics.
Professors Jackson, Morris, and Wallace

Algebra and Theory of Numbers

71. MODERN ALGEBRA. Polynomials in a field, factorization of polynomials, algebraic equations, finite extensions, splitting fields. Automorphisms. Groups, simple properties of groups. Galois theory, solving of algebraic equations by radicals. Solvable groups. Applications (Galois fields, geometric problems). Hypercomplex system, semi-simple algebras, skew fields. Applications to representation of groups. Ideal theory.
2 hours. *Professor Zassenhaus*

Textbooks: Albert, Modern Algebra (University of Chicago Press).

73. DIOPHANTINE ANALYSIS AND ALGEBRAIC NUMBERS. This course will serve as an introduction to the problems of Diophantine analysis, will develop the theories of algebraic number fields and integral quaternions, as a basis for application to Diophantine problems and will include some of these applications.
2 hours. *Professor Rosenthall*

Textbook: Skolem, Diophantische Gleichungen.

Analysis

80. INFINITE SERIES. A development of the theory and application of infinite series which will include an introduction to Fourier Series and divergent series.

2 hours. *Professor Williams*

Textbook: Knopp, Theory and Application of Infinite Series (Blackie).

(*Not offered in 1950-51.*)

81. TOPICS IN MODERN ANALYSIS. Fourier series. Fourier integrals. Functional spaces. Almost periodic functions.

2 hours. *Professor Fox*

Prerequisites: Mathematics 34b, 44.

References: Whittaker and Watson, Modern Analysis; Borel, Fonctions entières; Landau, Darstellung and Begrundung.

(*Not offered in 1950-51.*)

82. SPECIAL FUNCTIONS

2 hours. *Professor Rosenthall*

(*Not offered in 1950-51.*)

83. CALCULUS OF VARIATIONS. First and second variations of an integral. Principle of last action and Hamilton's principle. Isoperimetrical problems. Rayleigh-Ritz principle. Strong variations, theories of Weierstrass and Hilbert. Complete solutions of selected problems.

2 hours. *Professor Fox*

References: Bolza, Lectures on the Calculus of Variations; Bliss, Calculus of Variations.

Geometry

92. METRIC DIFFERENTIAL GEOMETRY. The point of view and the material employed here are based almost entirely on Forsyth's *Lectures on Differential Geometry*. The following more general subjects are included: space curves, general theory of surfaces, organic curves on surfaces, deformation of surfaces, triply orthogonal systems of surfaces.

(*Not offered in 1950-51.*)

Reference: Forsyth, Differential Geometry.

93. ANALYTIC AND SYNTHETIC PROJECTIVE GEOMETRY. The course will follow a classical presentation. Some of the topics emphasized are: perspectivity and projectivity, projective theorems relating to the conics, groups of linear transformations, correlations and polarities.

2 hours. *Professor Tate*

Reference: Campbell, Advanced Analytic Geometry.

(*Not offered in 1950-51.*)

History

100. HISTORY AND DEVELOPMENT OF MATHEMATICS. Mathematics in the pre-Greek world, among the Arabs, in Renaissance Europe, in the post-Renaissance period, and in the Nineteenth Century. The modern period. Development of mathematics from the historical point of view. Lectures, reading, and reports. The emphasis is on mathematical ideas rather than on biography.

2 hours. *Professor Williams*

Textbook: Bell, Development of Mathematics; Neugebauer, Vorgriechische Mathematik; Gow, Greek Mathematics.

(*Not offered in 1950-51.*)

Statistics

110. PROBABILITY AND STATISTICAL INFERENCE. Limiting theorems of probability including the Central Limit Theorem, laws of large numbers, the theory of characteristic functions. The theory of statistical inference including the method of maximum likelihood, the Student distribution, and the sampling theory of correlation.

2 hours. *Professor Bradley*

(*Not offered in 1950-51.*)

111. PROBABILITY AND STATISTICS. Seminar in advanced probability and statistics. A seminar conducted jointly by Professor Bradley, of McGill University, and Professor Kozakiewicz, of the University of Montreal, on selected topics in Advanced Probability and Statistics.

2 hours.

General Remarks

1. The following undergraduate mathematical courses may, in special circumstances, be taken for graduate credit:

Listed in the Arts and Science Announcement—

31 Statics and Dynamics; 33 Differential Equations and Advanced Calculus; 34b Analysis I; 41 Mathematical Physics; 42 Algebra; 44 Analysis II; 45a Numerical Analysis; 46b Mathematical Theory of Electricity and Magnetism; 46a Fluid Dynamics; 49 Mathematical Statistics.

Listed in the Engineering Announcement—

201 Differential Equations.

2. The attention of students taking the course for M.A. or M.Sc. is called to the University requirements described on pages 2613, 2619 and 2621 of this announcement. Students seeking an M.A. or M.Sc. with mathematics as a major subject are required to pass in at least three graduate courses and present an acceptable thesis. They may be required to submit to an examination on the subject matter of the thesis and the general background of the field of mathematics with which the thesis is concerned.

3. Attention is called to the evening courses leading to the degree of Master of Engineering, which are described in this announcement under the Department of Electrical Engineering, and to other evening courses.

4. Owing to the increasing impact of Pure and Applied Mathematics upon a large variety of fields of study, attention is particularly called to the possibility of arranging a suitable programme of mathematical courses to meet the individual needs of graduate students majoring in fields other than those listed above.

5. The attention of students who contemplate working for a Ph.D. degree with Mathematics as a major subject is called to the University regulations on pages 2626-29 of this announcement. Properly qualified students may be admitted to candidacy for the Ph.D. in Pure Mathematics or in Applied Mathematics by the Graduate Committee of the Department with the approval of the Dean of the Faculty of Graduate Studies and Research. Except in very exceptional cases, students would be admitted to candidacy only after having completed the work for the master's degree at McGill or elsewhere with distinction. The degree is awarded on the basis of the attainment of a good knowledge of mathematics in general and the writing of a thesis which definitely advances the subject which it treats.

DEPARTMENT OF MECHANICAL ENGINEERING

Professor	C. A. Robb, *Chairman*
Associate Professors	D. L. Mordell
	P. M. Stafford
Assistant Professors	H. C. Oatway
	J. M. White
	William Bruce

The requirements for the M.Eng. degree in mechanical engineering include lecture courses, research work and thesis, and participation in the seminar. Candidates are required to take courses in other departments and are encouraged to take cognate subjects in other faculties.

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

G504. Seminar 1 to 2 hrs. per week, session.
All candidates are required to participate.

1. INDUSTRIAL ENGINEERING

G505. MANAGEMENT PROBLEMS
2 hours per week, session. *Professor White*

G507. STATISTICAL CONTROL
2 hours per week session. *Professor White*

2. MACHINE DESIGN

G510. ADVANCED MACHINE DESIGN
2 hours per week, session. *Professor Stafford*

G511. SELECTED TOPICS IN ADVANCED MACHINE DESIGN
6 hours drafting room per week, session. *Professor Stafford*

G512 PROCESS EQUIPMENT DESIGN
2 hours per week, session. *Professor Stafford*

3. THERMAL POWER

G515. POWER PLANT CALCULATIONS
2 hours per week, session. *Professor Robb*

G516. STEAM TURBINE DESIGN
2 hours per week, session. *Professor Robb*

G517. ADVANCED GAS DYNAMICS
2 hours per week, session. *Professor Mordell*

G518. GAS TURBINE PROBLEMS AND DISCUSSION
2 hours per week, session. *Professor Mordell*

G519. GAS TURBINES
2 hours per week, session. *Professor Mordell*

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor	J. U. MACEWAN, *Chairman*
Associate Professors	G. S. SPROULE
	J. S. GODARD
Assistant Professor	J. P. OGILVIE

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

G601. PROPERTIES AND STRUCTURES OF METALS. Theories of plastic deformation of metals applied to single crystals; preferred orientation; kinetics of reactions in common metallurgical processes; phase transformations; recrystallization; creep.

2 hours per week, session. *Professor Ogilvie*

G603. METALLURGICAL ENGINEERING COLLOQUIUM

Students are required to present and discuss papers dealing with fundamental and recent work.

1 hour per week, session. *Staff*

1260. DIFFERENTIAL EQUATIONS (Faculty of Engineering Announcement)

2 hours per week, session.

G605. METALLURGICAL THESIS

A thesis is to be submitted on research conducted in one of the following fields:

(a) Electrometallurgy
(b) Extractive Metallurgy
(c) Mineral Dressing
(d) Physical Metallurgy

Candidates for the Degree of Master of Engineering in Metallurgical Engineering must complete the above requirements and in addition two approved courses from the following:

986. COLLOID CHEMISTRY (Faculty of Engineering Announcement)

1 hour per week, session (Half course).

1362. ELECTRON PHYSICS (Faculty of Engineering Announcement)

2 hours per week, first term (Half course).

466. THERMIONIC TUBE THEORY (Faculty of Engineering Announcement)

2 hours lectures, 3 hours laboratory per week, second term (Half course).

G411. APPLIED MATHEMATICS (Electrical Engineering) (Full course).

391. STRENGTH OF MATERIALS (Faculty of Engineering Announcement)

2 lectures per week, second term (Half course).

DEPARTMENT OF MINING ENGINEERING

Professor R. G. K. MORRISON, *Chairman*
Assistant Professor M. D. O'SHAUGHNESSY

Library and laboratory facilities are available for postgraduate studies and research.

Note: As building arrangements will interfere temporarily with Library and Laboratory facilities application for Courses G700 and G701 will not be received during the 1950-51 Session.

COURSES FOR THE MASTER'S DEGREE

296. MINE FINANCE AND COST CONTROL. A course given to fourth year Mining Engineering students, but available to postgraduates who have not taken it. Refer to Announcement of Faculty of Engineering.

2 lectures per week, second term. *Mr. G. B. A. Hall*

299. INDUSTRIAL PSYCHOLOGY AT MINES. A course given to fourth year Mining Engineering students, but available to postgraduates who have not taken it. Refer to Announcement of Faculty of Engineering.

2 lectures per week, session. *Professor E. C. Webster*

G700. ORGANIZATION AND MANAGEMENT OF MINES. A reading and discussion course. *Professor Morrison*

A thesis on the work of the session is required.

G701. MINE VENTILATION. A course of study and investigation conducted with the co-operation of the Department of Mechanical Engineering. Concerns the supply and flow of fresh air to mines, dust suppression, and the thermodynamics of deep-level ventilation. This course would require the major portion of the time of a participating student, who must present a thesis on the year's work.

Department of Mechanical Engineering and Professor Morrison

Certain other undergraduate subjects of importance to the student may be taken in the regular courses of other departments in the Faculty of Engineering.

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY 50/51

Professor	WILDER PENFIELD, *Chairman*
Associate Professor (in charge of Graduate Studies)	WILLIAM CONE
Assistant Professors	K. A. C. ELLIOTT
	ARTHUR ELVIDGE
	HERBERT JASPER
	DONALD MCEACHERN
	FRANCIS MCNAUGHTON
	DONALD MCRAE
	ROY SWANK
Lecturer	JOHN KERSHMAN

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. SEMINAR IN NEUROANATOMY, 4 hours weekly (12 weeks)

1. Lectures, demonstration and discussion.
2. Construction of brain model by selected group.

2 evenings, beginning in November. *Professor McNaughton*

B. SEMINAR IN NEUROPHYSIOLOGY, 3 hours weekly (12 weeks)

Laboratory demonstrations, lectures and discussions.
Mondays, 5-6 and 8-10 p.m., beginning in November.

Professor Jasper

C. COLLOQUIUM IN CLINICAL NEUROLOGY, 1 hour weekly

Clinics and lectures. Wednesdays, 5 p.m. *Professor McNaughton*

D. COLLOQUIUM IN NEUROSURGERY AND ELECTROENCEPHALOGRAPHY, 1 hour weekly

Fridays, 4 p.m. *Professors Penfield and Jasper*

E. SEMINAR IN NEUROPATHOLOGY, 1 hour (52 weeks)

Gross and miscroscopic demonstration to be supplemented by collateral work.

Fridays, 5 p.m. *Professors Cone and Penfield*

F. NEUROCHEMICAL BASIS OF NEUROLOGY AND PSYCHIATRY, 1 hour weekly
10 lectures—Allan Memorial Institute. *Professor Elliott*

5 laboratory exercises—Montreal Neurological Institute.

Professor McEachern

G. COLLOQUIUM IN EXPERIMENTAL AND CLINICAL NEUROLOGY, 1 hour
Discussions and lectures before Fellows' Society. *Dr. J. Preston Robb*

H. COLLOQUIUM IN NEUROLOGICAL ROENTGENOLOGY, 1 hour weekly

Mondays, 9 a.m. *Professor McRae*

NOTE:—*Candidates for research graduate degrees* must be graduates in Medicine or must have had other advanced work in Biological Sciences. Candidates may present courses A, B, E, and F as credits toward the degree, but not C, D, G, and H except by special permission of the Department Chairman. Degree candidates must secure approval of (1) course supervisor, (2) director of research, and (3) Dr. Cone, before entering any of these courses. Candidates may be subjected to examination at the close of the course before credit is given.

Others may enroll in these courses at the discretion of the supervisors. Space is limited, particularly in courses A and E. Only those who have been received in the Fellows' Society are entitled to enroll in course G.

For the degree of Doctor of Philosophy the above course requirements are made in each of the first two years of work. Other requirements are outlined under the general statement and regulations of the Faculty of Graduate Studies and Research.

In addition to the above formal courses the Department provides opportunity for advanced clinical study and laboratory research to properly qualified graduate students The work of this Department is carried out chiefly in the Montreal Neurological Institute.

DEPARTMENT OF NUTRITION

(Macdonald College)

Professor E. W. CRAMPTON, *Chairman*

Assistant Professors G. C. ASHTON
FLORENCE A. FARMER

Adequate laboratory and library facilities are available for research in a number of branches of Applied Nutrition. The particular research problem which may be undertaken will depend in part on whether the candidate holds a B.Sc., B.Sc. (Agr.), or B.Sc. (H.Ec.) degree. Ordinarily graduates in Agriculture associate themselves with problems related to the nutrition of farm animals, while graduates in Household Science usually undertake projects applicable to human nutrition.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. EXPERIMENTAL TECHNIQUE. Design and conduct of nutritional studies involving experimental animals or subjects; statistical analysis and the interpretation of data from such studies; preparation of technical reports of nutrition research. This course includes lectures on specific topics and the actual conduct and interpretation of one or more research projects, one of which will form the basis of the thesis presented toward the degree sought.

In addition to completion of course A above and the submission of an acceptable thesis, candidates for the Master of Science degree in Nutrition must register for and complete Biochemistry 45, Department of Biochemistry, McGill. Students must also attend and participate in department seminars.

Household Science graduates may, by arrangement, elect a course in Advanced Dietetics in the School of Household Science.

In individual cases, cognate courses may be added to the above requirements on the advice of the director of research.

DEPARTMENT OF PARASITOLOGY

(Macdonald College)

Professor	THOMAS W. M. CAMERON, *Chairman*
Associate Professor	M. J. MILLER
Assistant Professor	DONALD FAIRBAIRN
Lecturers	L. P. E. CHOQUETTE
	R. P. HARPUR

Adequate laboratory and library facilities are available at the Institute of Parasitology for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A sound knowledge of general Zoology and of elementary Parasitology are prerequisites.

A, B, and C comprise the main courses and further cognate courses from group E may be chosen, depending on the research problem selected and the candidate's previous training.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates should have a degree in which Zoology is an important subject; when the special subject for research is an economic one, qualifications in Human or Veterinary Medicine or Agriculture are desirable; if the special branch of research is in non-economic animals, a degree with honours in Zoology is desirable. A cognate subject from group E may be selected, but the examination in this should be completed by the end of the second year of study.

A. A SYSTEMATIC STUDY OF THE ANIMAL PARASITES OF MAN, DOMESTIC, AND ECONOMIC ANIMALS

3 hours. *Professor Cameron*

B. PRACTICAL PARASITOLOGY

4 hours. *Professor Cameron and Lecturer*

C. FIELD WORK. Parasitological surveys. Collections in the field. Methods of control.

D. MEDICAL AND VETERINARY ENTOMOLOGY. (See Department of Entomology, course D).

2 lectures, 3 laboratory hours per week, second term.

Professor E. M. Du Porte

E. Cognate subjects relative to the subject of research, selected from Nutrition, Biochemistry, Pathology, Pharmacology, Physiology, Entomology, etc., as may be arranged.

DEPARTMENT OF PATHOLOGY

Professors	G. Lyman Duff, *Chairman* Theo. R. Waugh
Associate Professor	Robert H. More
Assistant Professors	G. C. McMillan J. E. Pritchard

The Department offers adequate laboratory and library facilities in the Pathological Institute for morphological or experimental research and for the courses listed below leading to the degrees of Master of Science and Doctor of Philosophy in Pathology.

QUALIFICATION FOR ADMISSION

Candidates for graduate degrees in Pathology must hold the degree of Doctor of Medicine or its equivalent and must have attained high standing in the courses leading to this degree, especially in the preclinical scientific subjects.

Candidates who have not had any previous graduate training in Pathology or whose previous training is judged to be inadequate, will be required to spend a qualifying year of work in the Department before proceeding to a graduate degree.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. RECENT ADVANCES IN PATHOLOGY

Lectures on selected subjects in Pathology. *Professor Duff and Staff*

B. COLLOQUIUM. Demonstration and discussion of current surgical and autopsy material from the routine pathological services of the Pathological Institute.

2 hours throughout the session. *Professors Duff and Waugh and Staff*

C. CONFERENCES. Conferences will be held at regular intervals with graduate students for the purpose of guiding their reading and investigative work and for the discussion of special problems arising from their research.

D. COGNATE SUBJECTS. Each student will be required to take certain courses in cognate subjects, the selection of which will depend upon the student's previous training and on the character of the research problem to be undertaken.

Any candidate for a graduate degree may be required to attend the undergraduate course in General Pathology and be prepared to pass a comprehensive examination in this subject.

A candidate for the degree of Master of Science must take courses A, B, and C, and at least one cognate course. The remainder of his time is to be devoted to morphological or experimental research. The quality of the student's investigative work as embodied in his thesis will be the main consideration in recommending him for this degree.

For the degree of Doctor of Philosophy the candidate must take courses A, B, and C, throughout each year of study in addition to his research. Any cognate subjects required must be completed before the end of the second year.

As for the Master's degree, the quality of the research work as embodied in the Ph.D. thesis will be the main consideration in the award of this degree.

DEPARTMENT OF PHARMACOLOGY

Professor	RAYMOND L. STEHLE, *Chairman*
Associate Professor	K. I. MELVILLE
Assistant Professor	

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates for higher degrees must present evidence of suitable preparation in Chemistry and Physiology and must have completed the course in Pharmacology as given to medical students.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. ADVANCED PHARMACOLOGY

B. COLLOQUIUM

1 hour weekly.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements can be made for anyone desiring to proceed to a doctorate.

DEPARTMENT OF PHILOSOPHY

Professors	R. D. MACLENNAN, *Chairman*
	RAYMOND KLIBANSKY
Visiting Professor	GUIDO CALOGERO
Associate Professor	T. G. HENDERSON
Assistant Professor	CECIL CURRIE
Lecturer	W. N. A. CHIPMAN

COURSES FOR THE DEGREE OF MASTER OF ARTS

*8. MORAL AND POLITICAL PHILOSOPHY. 2 hours.

First term: Advanced Ethics. *Professor Calogero*

Second term: Philosophy of Politics. *Professor Klibansky*

*9. PROBLEMS OF LOGIC AND METAPHYSICS. 2 hours

First term: Whitehead's Metaphysics. *Professor Henderson*

Second term: Logic and Epistemology. *Professor Klibansky*

*10. THE PHILOSOPHY OF KANT

2 hours. *Professor Currie*

*11. SEMINAR IN PHILOSOPHY I. 2 hours

1950-1951. ETHICS.

Weekly discussion of central problems of Ethics with special reference to Aristotle, Hume, Kant, Moore, and contemporary writings.

Professors Currie, Henderson, and Maclennan, and Mr. Chipman

*12. SEMINAR IN PHILOSOPHY II. 2 hours

1950-51. Philosophy of History. *Professors Calogero and Klibansky*

Seminar courses will be offered in the special fields in which candidates are studying for their degrees.

Before entering upon his course of graduate studies, the student must have devoted two full years to Philosophy, and his competence in the subject should embrace the following:

(1) A general knowledge of the history of Greek philosophy, and of modern philosophy.

(2) A systematic knowledge of the main philosophical disciplines: logic, ethics, epistemology, and metaphysics.

(3) A special knowledge of at least three of the great European thinkers.

Applicants for graduate study may be required to submit to an examination in order to determine their competence as above defined.

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* May also be taken by honours undergraduates.

DEPARTMENT OF PHYSICS

Professors	A. Norman Shaw, *Chairman*
	J. Stuart Foster
	G. A. Woonton
Associate Professors	J. S. Marshall
	E. R. Pounder
	F. R. Terroux
	H. G. I. Watson
	C. H. Westcott
Assistant Professor	Anna I. McPherson
Lecturers	M. L. de Angelis
	K. L. S. Gunn
	Arne Henrikson
	Sydney Wagner
Research Associates	J. A. Carruthers
	J. W. Dodds
	D. G. Douglas
	W. M. Telford
	A. L. Thompson

Adequate laboratory and library facilities are available for the courses listed below and for research in any of the main branches of Physics. Equipment for investigations in nuclear physics, spectroscopy, electrical measurements, electronic physics, and geophysics have been specially developed. An electron microscope and X-Ray Diffraction apparatus are available for collaboration in regard to problems in Chemistry and Biology. A well-equipped Radiation Laboratory for nuclear physics provides excellent space for over twenty graduate students. The new eighty-two inch McGill Cyclotron is housed in this laboratory. The new Eaton Electronics Laboratory is expected to be completed during 1950.

With the approval of the Chairman of this Department, qualified graduate students in Physics may apply to take some of their required courses, and to undertake research, at Macdonald College, the remainder of their courses being taken at McGill University in Montreal.

COURSES AVAILABLE WHEN PHYSICS IS CHOSEN AS A MINOR OR AS A COGNATE SUBJECT

Courses 33, 34, 41, 42, 43, 44, 45 are undergraduate honours courses prerequisite to graduate work in Physics; but they are open to graduate students (1) choosing Physics as a minor or cognate subject, or (2) completing their entrance qualifications for graduate work in Physics.

33. ELECTRICAL MEASUREMENTS. This course is divided into two distinct parts, namely, *33M Electrical Measurements* (1 hour lecture, 3 hours laboratory), and *33E Electronics* (1 hour lecture and 2 hours laboratory). Each part may be taken separately throughout the session as a half course.

Course 33M: D-C. instruments and measurements, complete galvanometer theory, instrument calibration; A-C. circuit theory, operational methods, applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

Course 33E: Theory and application of electronic devices and circuits, elementary radio-engineering.

2 hours; laboratory (33L), 5 hours. *Professor Watson*

Reference Books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Starling, Electricity and Magnetism (Longmans); Kruft Laboratory Staff, Electronic Circuits and Tubes (McGraw-Hill); Terman, Radio-Engineering (McGraw-Hill); and Reich, Theory and Application of Electron Tubes (McGraw-Hill).

34. ADVANCED HEAT. Precision thermometry (for low, intermediate and high temperatures), calorimetry, measurement of fundamental thermal variables, measurement and theory of transfer of heat (by conduction, convection, and radiation), change of state, equations of state, elements of kinetic theory, physical basis and mathematics of thermodynamics, thermal equilibrium of systems, engineering and chemical applications.

2 hours (laboratory omitted). *Professor Shaw*

Textbook: Roberts, Heat and Thermodynamics (Blackie).

Reference books: Kiefer and Stuart, Engineering Thermodynamics (Wiley); Lewis and Randall, Thermodynamics (McGraw-Hill); Zemansky, Heat and Thermodynamics (McGraw-Hill).

41. MATHEMATICAL PHYSICS. Selected topics in potential theory, conduction of heat, acoustics, elasticity, vibrations and diffusion. 12 lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

3 hours. *Professors Foster and P. R. Wallace*

Reference books: Houston, Introduction to Mathematical Physics (Longmans); Page, Introduction to Theoretical Physics (Van Nostrand); von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill); Margenau and Murphy, The Mathematics of Physics and Chemistry (McGraw-Hill).

42. ELECTROMAGNETIC THEORY (Half course). Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennæ.

First term: 1 hour; second term: 2 hours. *Professor Woonton*

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

43. ATOMIC PHYSICS. Review of classic experiments of atomic physics; determination of physical properties and constants of atoms, ions and electrons; mass-spectrograph, elements of thermionics and photo-electricity, X-ray analysis, cosmic rays, atomic structure; radiation absorption and emission, advent of quantum theory and wave-mechanics, philosophical problems in modern physics.

2 hours. *Professor Shaw*

3 hours laboratory (43L) per week. *Professor Marshall*

Textbook: Crowther, Ions, Electrons and Ionizing Radiations (E. Arnold).

Reference books: Richtmeyer, Introduction to Modern Physics (McGraw-Hill); Strong, Procedures in Experimental Physics (Prentice-Hall); Brown, Foundations of Modern Physics (Wiley); Stranathan, The "Particles" of Modern Physics (Blakiston); Semat, Atomic Physics.

44b. RADIOACTIVITY (Half course). The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations, methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours. Laboratory, second term, 3 hours (held with 43L). *Professor Terroux*

Reference books: Rutherford, Chadwick and Ellis, Radiations from Radioactive Substances (C.U.P.); Hevesy and Paneth, A Manual of Radioactivity (C.U.P.); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall); Cork, Radioactivity and Nuclear Physics (Van Nostrand).

45. ADVANCED LIGHT. The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum analysis, determination of fine

structure of spectral lines, Zeeman effect, and the theory and use of optical apparatus (e.g., glass and quartz spectrographs, Lummer plates, interferometers and polarimeters).

First term: 2 hours; second term: 1 hour. Laboratory (45L), 3 hours. *Professor McPherson*

Reference books: Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Jenkins and White, Fundamentals of Physical Optics (McGraw-Hill); Hardy and Perrin, The Principles of Optics (McGraw-Hill).

COURSES FOR STUDENTS PROCEEDING TO THE DEGREES OF M.A., M.Sc., OR Ph.D. IN PHYSICS

61. QUANTUM THEORY AND SPECTRUM ANALYSIS (Half course). Design and use of spectrographs, including methods of qualitative and quantitative spectrum analysis. Development of quantum theory as applied to atomic and molecular spectra. Quantum mechanics applied to atoms in electric and magnetic fields. Problems.

First term, 1 hour; second term, 2 hours. *Professor Foster*

Reference books: Birtwistle, Quantum Theory of the Atom (C.U.P.); Ruark and Urey, Atoms, Molecules and Quanta (McGraw-Hill).

62. QUANTUM MECHANICS (Mathematics 62). (Half course). This course is elementary in character, and will include quantum mechanics of simple systems, perturbation theory, elements of quantum statistical mechanics, group theory, and simple applications.

First term, 2 hours; second term, 1 hour. *Professor Wallace*

Note: Students proceeding to a higher degree in Mathematics are given an additional hour per week in the second term. This may be attended by any student taking this course.

63. ADVANCED ELECTRICITY AND MAGNETISM. Advanced theory and problems concerning: Electrostatics—images, transformations, coefficients, properties of dielectrics. Current electricity—conduction in infinite solids, circuit theory, loci, non-linear elements, transients, Heaviside's operational methods, power machinery and transformers. Electronic devices and circuits. Conduction in gases, associated devices and circuits. Magnetic effects and circuits. Elementary electromechanics.

2 hours. *Professor Watson*

Textbook: Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill).

Reference books: Pender and McIlwain, Electrical Engineers' Handbook, Vol. V (Wiley); Carter, Electrical Transients (C.U.P.); Priesman, Graphical Constructions for Vacuum Tube Circuits (McGraw-Hill); Lee,

Graphical Analysis of A-C Circuits (Medaugh, Johns Hopkins); Terman, Radio Engineers' Handbook (McGraw-Hill); Terman, Radio Engineering (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill).

64. THERMODYNAMICS (Half course). Physical basis and fundamental assumptions. Relative importance—and relative bearing on applications—of the equation of state and the first and second laws. Mathematical methods in thermodynamical analysis. Simple and complex systems. Selected applications in physics, chemistry and engineering. Introduction to statistical thermodynamics.

2 hours (first term, lectures; second term, colloquia). *Professor Shaw*

Reference books: Birtwistle, Thermodynamics (C.U.P.); Guggenheim, Modern Thermodynamics (Methuen); Fowler and Guggenheim, Statistical Thermodynamics (C.U.P.).

65. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Mathematics 65). A course in classical and quantum statistical mechanics with selected applications; statistical theories of the gaseous, liquid, and solid states.

Reference books: Mayer and Mayer, Statistical Mechanics (Wiley); Lindsay, Physical Statistics (Wiley); Fowler, Statistical Mechanics (C.U.P.); Schrodinger, Statistical Thermodynamics (C.U.P.); Rice, Statistical Mechanics (Constable, London); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

2 hours. *Professor Morris*

Note: Course 65 will be given in alternate sessions, 1951-52, 1953-54, etc.

66. (a) ELECTROMAGNETIC THEORY AND (b) PHYSICAL ELECTRONICS. Retarded potentials; Hertz vectors; Huygen's principle formulated in scalar and in vector form; equivalent solution of diffraction and radiation problems by current sheets; application of these fundamentals to the calculation of microwave radiators.

Emission of electrons; trajectory equations in electric and magnetic fields; electron lenses; aberration; design of electron guns; application of electron optics.

2 hours. *Professor Woonton*

Textbooks: Stratton, Electromagnetic Theory (McGraw-Hill); Cosslett, Introduction to Electron Optics (Oxford, Clarendon Press).

Reference books: Schelkunoff, Electromagnetic Waves (Van Nostrand); Zworykin, Electron Optics and the Electron Microscope (Wiley).

67. SEMINAR, NUCLEAR PHYSICS. The theory and the development of modern nuclear physics. The cyclotron and its applications. Current nuclear research.

2 hours. *Professor Foster*

68. SEMINAR, GENERAL PHYSICS. This seminar, in which students are required to take an active part, will cover the range of topics in which those in attendance may be specializing.

2 hours. *Professor Marshall*

*70. ADVANCED STATICS, DYNAMICS, HYDRODYNAMICS, AND SOUND.

2 hours.

Textbook: Lamb, Higher Mechanics (C.U.P.).

Reference books: Lamb, Dynamical Theory of Sound (Arnold); Bateman, Dryden and Murnaghan, Hydrodynamics (N.R.C., U.S.A.); Goldstein, Fluid Dynamics (Clarendon).

71. APPLIED GEOPHYSICS (Half course). If course 47 (see Arts and Science Announcement) has not been taken, it should be attended concurrently with this course. Selected topics as enumerated in course 47 are given more advanced mathematical treatment. Supplementary theory, problems and analysis of field results are added. Arrangements for practical experience in the field will be made, when possible.

Second term: 2 hours. *Professor Watson*

Textbook: Eve and Keys, Applied Geophysics, 2nd edition (C.U.P.).

Reference books Ambronn, trans. Cobb, Elements of Geophysics (McGraw-Hill); Heiland, Geophysical Exploration (Prentice-Hall).

†72. COMMUNICATION NETWORKS. (Primarily for electrical engineers. Alternate years, 1950-51, etc.). A-C. series and parallel circuit constants; transfer relations. Graphical treatment; operators; transformations. Circuit theory—series and parallel viewpoints. Circuit theorems. Passive quadripole. Constant-k and m-derived filters. Coupled circuits; transients; Heaviside's operators; circuit loci; generalized bridge circuits; non-linear elements; harmonic analysis; oscillators; iterant lines; elementary wave-guide theory.

2 hours. *Professor Watson*

Reference books: Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Pender and McIlwain, Electrical Engineers' Handbook, Vol. V (Wiley); Carter, Electrical Transients (C.U.P.); Priesman, Graphical Constructions for Vacuum Tube Circuits (McGraw-Hill); Hague, A-C Bridge Methods (Pitman); Lee, Graphical Analysis of A-C. Circuits (Medaugh, Johns Hopkins); Terman, Radio Engineers' Handbook (McGraw-Hill).

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*Not offered in 1950-51. (See Mathematics 67).

†Part of an evening course in Electrical Communication Engineering leading to the degree of M.Eng.

*73. RADIATION. (Primarily for electrical engineers.) Properties of magnetic and electric fields; Maxwell's equations; Poynting vector; electric waves; reflection and refraction of plane waves; propagation in metals and dispersive media; wave guides—without and with attenuation; cavity resonators; radiations from a dipole; antennæ; horns; reflectors; generation and reception of ultra-high frequencies; measurement technique.

2 hours.

Reference books: Sarbacher and Edson, Hyper and Ultra-High Frequency Engineering (Wiley); Skilling, Fundamentals of Electric Waves (Wiley); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Terman, Radio Engineers' Handbook (McGraw-Hill).

74. GENERAL SEMINAR. In addition to the above courses, a review of the general requirements for the preliminary examinations for the degree of Ph.D. is given in a seminar in the first term under the guidance of the professors of the Department.

2 hours, first term.

75A, 75B, 75C. These are the reference numbers for the first three *Preliminary Ph.D. Examinations*, namely the *General Paper* (75A), the *Problem Paper* (75B), and the *Preliminary Oral* (75C).

76. Reference number of the *Special Paper* of the Preliminary Examinations. This paper covers the specific fields of Physics bearing on the research of the candidate.

A suitable selection of the above courses may be made by qualified students when Physics is taken as a partial, a minor, or a cognate subject. A general examination on Elementary Physics is also given when Physics is taken as a minor subject.

Requirements for Master's Degree and First Year Ph.D.: (a) Research and M.Sc. thesis thereon. (b) Mathematics 61, Physics 61, and Physics 63 or Physics 66. Also one other course to be chosen with the approval of the Supervisor of the student's research and the Chairman of the department. (Substitutions for any of the above named courses will only be approved in exceptional cases.)

Second Year Ph.D.: (a) Research. (b) Preliminary Examinations in December; Seminar 74. (c) Seminar 67 or Seminar 68. One additional course in Physics, Mathematics or cognate subject may be permitted, or required, with the approval of the Supervisor of Research, and of the Chairman.

*An evening course, not offered in 1950-51.

Third Year Ph.D.: Completion of research, and Ph.D. thesis thereon. Final Oral. One course, examination optional, is also required.

For Ph.D. language requirements see page 2628.

Attendance at the Physical Society, seminars, and other scientific meetings, together with the presentation of papers, form an important element in the training of graduate students.

DEPARTMENT OF PHYSICS

(Macdonald College)

Professor	WILLIAM ROWLES, *Chairman*
Associate Professor	W. F. OLIVER
Lecturer	J. K. KINNEAR

The courses below may form part of the required courses for graduate students in Physics (see page 2697), or may be taken by students in other departments as a minor or cognate subject.

COURSES AVAILABLE TO GRADUATE STUDENTS

A. ADVANCED BIOPHYSICS
2 hours, second term. *Professor Rowles*
(*Given in 1950-51.*)

B. THEORY OF PROBABILITY
2 hours, second term. *Professor Oliver*
(*Given in 1951-52.*)

50/51

DEPARTMENT OF PHYSIOLOGY

Professors	F. C. MACINTOSH, *Chairman*
	A. S. V. BURGEN
Associate Professors	B. DELISLE BURNS
	NORRIS GIBLIN
Assistant Professors	SIMON DWORKIN
	KATHLEEN G. TERROUX

Candidates who as undergraduates have satisfactorily completed the Honours Course in Physiology (including six full courses in Physiology) may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others will usually require a qualifying year. Candidates for the Ph.D. degree must pass a

general examination in Physiology, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below, and may be required also to pass certain advanced undergraduate courses in Physiology or related subjects.

The main research interests of the Department are at present the chemical and electrical behaviours of the nervous system, and the release of physiologically active substances from tissues.

ADVANCED UNDERGRADUATE COURSES

31. MAMMALIAN PHYSIOLOGY.
2 hours lecture and seminar.

31L. MAMMALIAN PHYSIOLOGY LABORATORY
8 hours.

32. GENERAL PHYSIOLOGY
2 hours lecture and seminar.

32L. GENERAL PHYSIOLOGY LABORATORY
8 hours.

41a and 41b. SELECTED TOPICS IN PHYSIOLOGY
2 hours lecture and 3 hours laboratory, during one term.

GRADUATE COURSES

61. LECTURES ON SELECTED ADVANCED TOPICS. The subject matter varies from year to year.
1 hour.

62. PHYSIOLOGICAL COLLOQUIUM
1 hour.

DEPARTMENT OF PLANT PATHOLOGY

(Macdonald College)

Professor	J. G. COULSON, *Chairman*
Associate Professor	P. A. LUDWIG
Assistant Professor	E. O. CALLEN

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates must have completed satisfactory undergraduate courses in Plant Morphology, Physiology, Taxonomy, Histology and Cytology. Specialists in Plant Pathology should possess a general knowledge of the fundamental practices in Agronomy and Horticulture.

COURSES FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

61. HISTORY OF PLANT PATHOLOGY

1 lecture for 1 term. Extra reading required.

Textbook: Whetzel, History of Phytopathology (Saunders).

62. ADVANCED MYCOLOGY

A general course in Systematic Mycology is a prerequisite.

2 lectures and 2 laboratory periods. *Professor Callen*

Textbooks: Gaumann and Dodge, Comparative Morphology of the Fungi (McGraw-Hill); Stevens, Plant Disease Fungi (Macmillan); Wolf and Wolf, Fungi (Wiley).

63. ADVANCED PLANT PATHOLOGY

2 lectures and 2 laboratory periods. *Professor Coulson*

Textbook: Heald, Manual of Plant Diseases (McGraw-Hill).

64. PRINCIPLES OF PLANT PATHOLOGY

2 lectures and 3 laboratory periods. *Professor Coulson*

65. PLANT PHYSIOLOGY (Course 61 or 63—Department of Botany).

66. SEMINAR. A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc.

1 period. *Professor Coulson and Staff*

Candidates for the Master's degree and first year Ph.D. students must satisfy the requirements of course 66 and two from 62, 63, and 64.

Second year Ph.D. students are required to take course 66 and all other courses listed above which were not taken during the previous year.

Third year Ph.D. students devote most of their time to research and the writing of a thesis. A candidate may be held responsible for a course in a cognate subject bearing upon his research.

The Ph.D. degree in Plant Pathology is offered in close association with the Department of Botany. The preliminary oral examination is conducted jointly by both Departments. The research and thesis must be in the field of Plant Pathology.

DEPARTMENT OF POULTRY HUSBANDRY

(Macdonald College)

Associate Professor	W. A. Maw, *Chairman*
Associate Professor	Nikolai Nikolaiczuk

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. ADVANCED POULTRY NUTRITION

Candidates for the M.Sc. in Poultry Husbandry (Nutrition) will take course A and at least two of the following: Agronomy 60 (Experimentation), Biochemistry 32 (McGill: Endocrinology), Biochemistry 45 (McGill: Oxidation and Metabolism).

B. ADVANCED POULTRY BREEDING

Arrangements are made to have a limited number of candidates register in the Department of Genetics for the required course work. The thesis problem can be conducted in the Department of Poultry Husbandry. The Departments are jointly responsible for such candidates.

DEPARTMENT OF PSYCHOLOGY

Professor	D. O. Hebb, *Chairman*
Associate Professors	G. A. Ferguson
	E. C. Webster
	A. S. Luchins
	R. B. Malmo
Assistant Professors	Dalbir Bindra
	P. A. Solberg
	C. F. Wrigley

Graduate work in the Department of Psychology follows two main lines: experimental-theoretical, including comparative, physiological, and social psychology, as well as statistical method, leading to M.A., M.Sc., and Ph.D. degrees; and applied psychology, chiefly in the industrial, personnel, and guidance fields, leading to M.Ps.Sc. and D.Ps.Sc degrees. No training in clinical psychology is offered, except for junior psychological assistants (test technicians) in the clinic, and except for the research in physiological or experimental psychology which may occasionally use clinical patients as subjects.

The degrees of M.Ps.Sc. and D.Ps.Sc. are awarded to candidates who achieve a high standard of scholarship in psychology and related fields, who have had extended practical experience in some form of applied psychology, and who have demonstrated an aptitude for such professional

application of psychological knowledge. The minimum time necessary for the M.Ps.Sc. will be two years, the second of these spent in full-time practical work under supervision. The minimum time for the D.Ps.Sc. is a further three years after the M.Ps.Sc., the third year being again spent in full-time practical work under supervision. No thesis will be required for the M.Ps.Sc. degree; that for D.Ps.Sc. will not require the extensive period of concentrated research which is expected in a thesis for the Ph.D. These two degrees in applied psychology will require the same high standard of scholarship as the M.A. or Ph.D., but imply a distinction in the kind of work for which the candidate is preparing.

No distinction in training is made between M.A. and M.Sc. degrees; which of these the candidate enrols for is determined by his Bachelor's degree (*i.e.*, B.A. is followed by M.A., B.Sc. by M.Sc.).

Admission to graduate work will depend on the estimate made by members of the department of the student's aptitude for original contributions to knowledge, or for professional contribution in the applied field. It will not depend merely on high marks made in course work, nor on the student's having taken a large number of courses in psychology. In addition to a biologically-oriented introductory course the student should have four full courses (each the equivalent of six semester-hours), including experimental, systematic (or theoretical) psychology, and some knowledge of the historical development of modern ideas. A sound knowledge of statistical method as applied to psychological problems (equivalent to an introductory course in this field) is essential.

Equally necessary is a knowledge of elementary physiology and of physics or chemistry, some comprehension of philosophical thought, and of modern developments in other social sciences. All students, no matter what kind of specialization is ultimately aimed at, are expected to have the same core of undergraduate training, equivalent to the Honours degree at McGill. The student who has not sufficient preparation, either in psychology or in the related subjects referred to above, but has shown promise of aptitude for advanced original work, may be accepted after the completion of a qualifying year.

In its present crowded condition, the Department may refuse to consider applications received after April 1. Candidates must submit with their applications the results of the Graduate Record Examination and the Miller Analogies Test. Those who are not at a centre where the Miller Analogies can be given should make arrangements for a special examination.

Courses offered in this Department are of two kinds. Those numbered between 51 and 59 provide a background for technical training, and are not normally taken as part of the work for the M.A., M.Sc. and Ph.D. degrees, while those numbered 60 or higher are meant as preparation for these latter degrees.

51a. METHODS OF TEST CONSTRUCTION
Methods of measurement, reliability, validity, item analysis, etc.
First term: 3 hours.
Text: Cronbach, *Essentials of Psychological Testing* (Harper).

52a. APPRAISAL OF INTELLIGENCE
Use of Stanford-Binet and Wechsler tests primarily.
First term: 1 hour, 4 hours testing.

52b. APPRAISAL OF PERSONALITY
Use of Rorschach and TAT primarily.
Second term: 1 hour, 4 hours testing.

53a. MEASURES OF OPINION AND ATTITUDE
First term: 3 hours.

54b. INDUSTRIAL PSYCHOLOGY
Second term: 3 hours.

56. EDUCATIONAL AND VOCATIONAL GUIDANCE
3 hours.

57. SOCIAL FACTORS IN BEHAVIOR PROBLEMS
3 hours.

58. ADVANCED EDUCATIONAL PSYCHOLOGY
3 hours.

61. ADVANCED STATISTICS. A didactic advanced course normally required of all entering graduate students.
3 hours.

62. INTRODUCTION TO PSYCHOLOGICAL THEORY. Seminar, required of all first-year graduate students, designed as an introduction to other courses listed below.
3 hours.

63. SEMINAR IN ADVANCED EXPERIMENTAL PSYCHOLOGY
3 hours.

64. SEMINAR IN COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY
3 hours.

65. SEMINAR IN DEVELOPMENTAL PSYCHOLOGY
3 hours.

66. SEMINAR IN SOCIAL PSYCHOLOGY
3 hours.

67. SEMINAR IN INDUSTRIAL PSYCHOLOGY

3 hours.

68. SEMINAR IN MEASUREMENT AND QUANTITATIVE ANALYSIS

3 hours.

70. CONFERENCES ON THE THESIS. Required of all candidates for the M.A. or M.Sc. degree, with course standing to be assigned on conclusion of the comprehensive examination on the thesis.

REQUIREMENTS FOR M.A. AND M.Sc. DEGREES

Candidates must demonstrate a sound knowledge of modern theory, of its historical development, and of the logic of statistical methods as used in psychological experiment. They will be expected to have an understanding of the main lines of current work in other than their own particular field of specialization.

All candidates must take courses 61, 62 and 70, and in addition any other course specified by the department. The primary concern of the candidate, however, is his thesis. For this the exploratory work, at least, should get under way early in the year. Following presentation of the thesis, a comprehensive written or oral examination will be held which, in conjunction with the thesis itself, will determine the candidate's final standing for the degree.

REQUIREMENTS FOR THE Ph.D. DEGREE

The candidate for the Ph.D. degree must demonstrate a broad scholarship, mastery of current theoretical issues in psychology and their historical development, and a detailed knowledge of his special field. Preliminary examinations will be held at two stages: one at the time of the Master's degree or immediately afterward, and one at the conclusion of the following year. These examinations may be written or oral, or both, at the discretion of the department. They will cover four fields, as follows: (a) modern theoretical issues and history; (b) "experimental" (normal human adult) psychology and statistical methods; (c) and (d) two from the following: comparative and physiological psychology; developmental psychology; social psychology; personality; advanced statistics; industrial psychology.

REQUIREMENTS FOR THE M.Ps.Sc. DEGREE

Candidates for the M.Ps.Sc. degree will be expected to achieve a level of scholarship equivalent to that of the M.A., but over a wider field. During the first year the candidate will take courses 61, 62, 51a, 52a, 52b, and one other half course. He will also spend some time in practical work. The second year will be spent in full-time practical work under supervision.

Award of the degree M.Ps.Sc. will be determined by the student's standing in course examinations, by his standing in a comprehensive examination or examinations, and by the report of his supervisors concerning his fitness for professional work in psychology.

REQUIREMENTS FOR THE D.Ps.Sc. DEGREE

Following a Master's degree in psychology, work for the D.Ps.Sc. degree will include two further years of study and course work in psychology *and in related fields* such as sociology, economics, anthropology, education, and industrial engineering, followed by another year of supervised practical work. At some time during this period a thesis must be written which makes a contribution to original knowledge. This will differ from the Ph.D. thesis, however, in that the latter will be based on two years of intensive concentrated research: the thesis for the D.Ps.Sc. must be of high quality but need not represent as extensive a contribution to theoretical knowledge.

Preliminary examinations for admission to candidacy will be held in two stages, one approximately at the time of the Master's degree, and one at the end of the first year of study. These may be written or oral, or both. They will cover the ground of the Ph.D. preliminary examinations as described above, and will also include a detailed understanding of professional techniques. A reading knowledge of one foreign language must be demonstrated.

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Professor	C. A. Dawson, *Chairman*
Associate Professor	Oswald Hall
Assistant Professors	Aileen D. Ross
	Frederick Voget
Research Assistant	Joan Jackson

NOTE

The Department encourages research in Canadian subjects, such as:

(1) The distinctive features of Canadian culture and social organization;
(2) Acculturation;
(3) Canadian cities and Canadian frontiers;
(4) The relationships of ethnic and other minority groups;
(5) Specific institutions and professions, such as the family, the medical profession, etc.;
(6) Demography and related problems;
(7) Criminology and penology;
(8) Industrial relations.

Students transferring to McGill University are advised to submit with their application for admission a copy of the results of the Graduate Record Examination.

The courses numbered by thirties and forties are undergraduate courses and are normally taken in the third and fourth years. A student transferring to McGill would be expected to have attained the equivalent of satisfactory Honours standing (a minimum of 65% in each course) in the Honours sequence, i.e. the introductory course and those numbered 31, 32, 41, 42, and 43. For information regarding other undergraduate courses in Sociology consult the undergraduate announcement.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Sociology

31. SOCIAL ORGANIZATION (Full course)
3 hours. *Professors Voget and Hall*

32. INTRODUCTION TO SOCIAL STATISTICS (Full course)
3 hours.

41. HUMAN ECOLOGY AND COMMUNITY PLANNING (Full course)
3 hours. *Professor Dawson*

42. INDIVIDUAL AND SOCIETY (Full course)
3 hours. *Professors Voget and Ross*

43. METHODS IN SOCIOLOGY (Full course)
3 hours. *Professor Hall*

44. POPULATION AND MIGRATION (Full course)
3 hours. *Professor Hall*
(*Given in 1951-52.*)

45. THE PROFESSIONS (Half course) *Professor Hall*
First term: 3 hours.

46. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS (Full course)
3 hours. *Professor Hall*

47. STATISTICAL METHODS (Full course)
3 hours.

61. SEMINAR (Full course)
3 hours. *Professors Dawson and Voget*

71. THE SOCIAL DIVISION OF LABOUR (Full course)
3 hours. *Professor Hall*

72. READING IN SOCIAL THEORY (Full course)
3 hours. *Staff*

Anthropology

32. PRIMITIVE RELIGION (Half course) Second term
3 hours. *Professor Voget*

33. CULTURE CHANGE (Half course) Second term
3 hours. *Professor Voget*

DEPARTMENT OF ZOOLOGY

Professors	JOHN STANLEY, *Chairman*
	N. J. BERRILL
Associate Professor	M. J. DUNBAR
Assistant Professor	H. R. SCOTT
Lecturer	D. M. SCOTT
Special Lecturer (Professor of Parasitology and Director of the Institute of Parasitology at Macdonald College)	T. W. M. CAMERON

Graduate students are expected to take such courses, including cognate courses in other departments, as relate to their particular line of specialization, if not previously taken. Qualifying students may be required to take up to five full courses, others will take from two or three in their first year to none in their last year. Primary emphasis for both the M.Sc. and Ph.D. is placed upon research and thesis presentation.

The Department specializes in work bearing on developmental theories, embryology, biomathematics, marine and Arctic biology.

Adequate laboratory and library facilities are available for research, including constant temperature equipment. The Blacker and Wood Zoological Libraries comprise over 45,000 volumes.

Students are accepted on the basis of a good Honours Degree from Canadian or British Universities, and on the basis of good standing with a major in the biological field from American Universities. Students applying on the basis of an Honours Degree in the General Honours in the Biological Sciences course should have at least a high second class, and should understand that they may have to spend additional time in fortifying their knowledge of zoology.

24. INVERTEBRATE ZOOLOGY (*except* ARTHROPODA) (Full course). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of invertebrate animals other than the Phylum Arthropoda. Graduate students will be expected to do additional work and reading. This course is offered in alternate years with Zoology 25.
2 lectures, 1 laboratory per week, for 2 terms. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, The Invertebrata (Macmillan) or Hegner, Invertebrate Zoology (Macmillan).

(*Not offered in the session 1950-51.*)

25. THE ARTHROPODA (Full course). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of animals of the Phylum Arthropoda. Graduate students will be expected to do additional work and reading. Students taking Zoology 25 must also take Zoology 25L, the laboratory course, and must take it in the same year as Zoology 25.

3 lectures per week, for 2 terms. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, The Invertebrata (Macmillan) or Hegner, Invertebrate Zoology (Macmillan).

Offered in alternate years with Zoology 24. Offered in the session 1950-51.

25L. LABORATORY (Half course). The laboratory work of Zoology 25. It must be taken along with Zoology 25, in the same year. A laboratory outline is issued by the Department.

2 laboratory periods of 2 hours each, per week, for 2 terms.
Professor Stanley

32. ANIMAL ECOLOGY (Full course). A study of the inter-relations between animals, groups of animals, and their environment. In the first term the various environmental and biotic factors are discussed (autecology) and in the second term the groups and associations are related to their environments (synecology). Graduate students will be expected to do additional work and reading.

3 hours lectures per week, for 2 terms. *Professors Stanley and Dunbar*

Textbooks: Hesse, Allee and Schmit, Ecological Animal Geography; Chapman, Animal Ecology.

33. EXPERIMENTAL ZOOLOGY (Full course). A general analysis of development, together with normal, regenerative and malignant growth; experimental and analytical methods; theory construction; guide to current zoological literature. Graduate students will be required to do additional work and reading.

3 hours lectures per week for 2 terms. *Professor Berrill*

Textbook: Weisz, Principles of Development.

34. CULTURE METHODS (Full course). Methods of culture and maintenance of invertebrate and lower animals and studies of their life-cycles. Graduate students will be required to do additional work and reading.

4 hours laboratory and conference period per week throughout 2 terms.
Professor Berrill

Textbook: Galtsoff, Culture Methods for Invertebrate Animals.

35. APPLIED BIOMATHEMATICS (Half course). A study of mathematical theories of growth and form, mathematics as applied to the growth of populations, host-parasite relations, relative growth, radio-active tracers, etc. Graduate students will be expected to do additional work and reading.

2 lectures per week, first term; 1 per week, second term.

Professor Stanley

37. THE HISTORY OF BIOLOGY. A study of the development of scientific observation in Biology, with emphasis on Zoology, from the Sixth Century B.C. to the present day. The history of anatomy, comparative morphology, embryology, palæontology, and ecology. Theories of the relationships of animals, and parts of animals, and of their evolution. Philosophical history of Biology. Biological expeditions. Graduate students will be expected to do additional work and reading.

Alternately 1 and 2 lectures per week for 2 terms. *Professor Dunbar*

Textbooks: Singer, Short History of Biology; Nordenskiold, History of Biology; plus a large reading list of monographs and original material.

51. ARCTIC ZOOLOGICAL RESEARCH (Full course). A seminar course for graduate students designed to stimulate interest in zoological work and research in Arctic North America. The history of zoological work in the north, special problems, conservation and development, field methods. Introduction to the literature.

3 hours per week throughout 2 terms. *Professor Dunbar*

Text: No set text—the whole literature is reviewed.

LIBRARIES

All resident graduate students have access to the Redpath Library, containing over 500,000 volumes. The building also houses a number of special collections, such as the Blacker Library of Zoology. The Libraries of Engineering and of Medicine are housed in the Engineering and Medical buildings; the latter includes much of the material for the medical sciences, and a separate room contains the Osler Library, devoted principally to medical history. There are special libraries for Commerce and Law and at Macdonald College. A number of Departments maintain special libraries, of which the most extensive are in Chemistry, Geology, and Physics. All of these collections may be consulted by resident graduate students, though the hours for reading and the conditions under which books may be consulted or borrowed are not the same in all cases.

McGill University



Montreal

Library School

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

ADMINISTRATIVE OFFICERS OF THE UNIVERSITY

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de L'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S. — *Bursar and Secretary of the Board of Governors*

T. H. Matthews, M.A. — *Registrar*

LIBRARY SCHOOL STAFF

Vernon Ross, B.S. in L.S. (Columbia), M.A. — *Director of the Library School and Assistant Professor of Library Science*

Virginia Murray, M.A. (Columbia), B.L.S. — *Assistant Professor*

Richard Pennington, B.A., Lib. Diploma (Lond.) — *Librarian, McGill University, and Lecturer in Library Science*

Effie Astbury, B.A., B.L.S. — *Lecturer and Revisor*

Grace Reynolds, L.S. Certificate — *Secretary*

SESSIONAL LECTURERS

Periodicals	Grace Hamlyn, B.A., B.L.S.
Government Documents	Helen Haultain
Public Libraries	Kathleen Jenkins, B.A.
Special Libraries	Beatrice Simon, B.A., L.S. Diploma
Library Work with Children	Grace Reynolds, L.S. Certificate

and Special Lecturers

CALENDAR

1950

September 22, Friday, and September 23, Saturday morning. Students register in the Library School.

September 25, Monday. Lectures begin in the Library School.

December 15, Friday. First term ends in the Library School.

December 18, Monday, to December 20, Wednesday. Examinations in the Library School.

1951

January 8, Monday. Lectures resumed in the Library School.

Date to be announced. Library School trip.

March 23, Friday, to March 26, Monday. Easter Vacation.

May 4, Friday. Lectures end in the Library School.

May 8, Tuesday, to May 11, Friday. Examinations in Library School.

May 14, Monday, to May 26, Saturday. Practice work in the Library School.

Date to be announced. Convocation.

McGill University

LIBRARY SCHOOL

McGill University Library School, the oldest in Canada, was established in 1904 upon the advice of Melvil Dewey, who considered McGill to be particularly suitable for a centre of library studies.

Until 1927 it existed as a Summer School; but in that year its increasing success prompted the addition of a Winter Course, and it was thereupon accredited by the Board of Education for Librarianship of the American Library Association, and received the generous support of the Carnegie Corporation. In 1930 the School was made a Graduate School conferring the degree of Bachelor of Library Science.

The School gives instruction in the principles of bibliography, library administration, cataloguing, and classification, and trains university graduates for professional library work of all kinds—in university and college, public, school, and special, libraries. It is situated in a large city in which are to be found all types of libraries; and it is part of a university with a tradition of sound scholarship.

The School occupies rooms in the main University Library building, and its students have access to the stacks of the University Library.

DEGREE OF BACHELOR OF LIBRARY SCIENCE

Candidates who successfully complete all the required work of the School are entitled to receive the degree of Bachelor of Library Science (B.L.S.) at the May Convocation and to wear the regulation black Bachelor's gown and a Bachelor's hood of black, lined with burnt orange silk and trimmed with white rabbit fur. Academic costume for graduation may be rented from the Registrar's Office.

REQUIREMENTS FOR ADMISSION

1. Applicants for admission to the course leading to the degree of Bachelor of Library Science must have a Bachelor's degree from a recognized college or university and must present an official transcript of their college record.

2. Experience has shown that applicants *over thirty-five years of age* should not be encouraged to enter the School, unless they have had at least two years of work in a library. They usually find intensive study difficult and are at a disadvantage in applying for a position.

3. As no one with serious physical defects, personality difficulties, or ill health can readily obtain a position in library service, such persons should not ask admission to the School.

4. Applicants for admission must fill in the School Application Form and attach thereto a recent photograph and an advance fee of $10.00 which will be credited to the student's fee account. Should the application be rejected, this advance payment will be refunded. No refund will be made in the case of a student who withdraws after the application has been accepted.

5. Students are advised before entering to acquire proficiency in the operation of a typewriter, since the greater part of the work done must be in typewritten form.

6. Applicants without previous experience are recommended to work in a library for at least two weeks before taking the course, if that is possible.

PLACEMENTS

While the School does not guarantee positions to graduates and will not recommend any with less than a "B" average, it makes an effort to help its graduates find suitable positions. Complete records are kept in the Library School files, and transcripts and letters of reference are sent to prospective employers on request.

Any graduate of an approved university who also has successfully completed the degree of Bachelor of Library Science at McGill University will be entitled without further examination to the Specialist's certificate which is issued to Librarians serving in the Protestant High Schools of the province.

MEDICAL EXAMINATION

1. HEALTH CERTIFICATE

Students when applying must present a certificate of health on a form which may be obtained from the school and which should be filled in and signed by a physician.

2. VACCINATION

All students entering the University are required by the Provincial Board of Health to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years, failing which they must immediately be vaccinated in a manner satisfactory to the Medical Examiner.

3. MEDICAL EXAMINATION

To promote their physical welfare, all men and women in the school are required to be medically examined at the beginning of the session. The hours of examination are announced at the time of registration.

REGISTRATION AND ATTENDANCE

REGISTRATION

Students in the Library School are required to present themselves at the office of the Library School on Friday, September 22, or Saturday, September 23, preceding the commencement of lectures, in order to furnish the information necessary for the University records.

ATTENDANCE

1. Students are required to attend at least seven eighths of the total number of lectures or laboratory periods in any one course.

2. Excuses for absence on account of illness or domestic affliction are dealt with only by the Director of the School. Medical certificates covering absences must be presented by the student immediately after his return.

3. Those whose unexcused absences exceed one eighth of the total number of lectures in a course are not permitted to take the regular examination in that course; and those whose unexcused absences have exceeded one fourth of the total number of lectures must repeat the work in that course for credit.

FEES AND EXPENSES

1. FEES

(*a*) *Regular students*

Fees are due and payable at the Bursar's Office on or before September 26. If paid in two installments the second shall be paid on or before February 3rd.

Fee for the Library Course (including Library Visits)	$285.00
Fee for Students' Activities	15.00

By instalments:

First instalment	108.50
Second instalment	193.50

These fees include registration, instruction, (including Library Visits) the use of the Library, health service, athletics, students' activities, and graduation diploma.

Fee for each supplemental examination	5.00

(*b*) *Partial students*

Information concerning fees for such courses may be obtained from the Secretary of the School.

(*c*) *Arrears*

Immediately after September 28 (or February 3, in the case of students who pay by instalments), the Chief Accountant will send to the Director of the School a list of registered students who have not paid their fees. Such students cannot be re-admitted to classes until a satisfactory arrangement has been made with the Chief Accountant. A late fee of $2.00 is charged.

2. TEXTBOOKS AND MATERIALS

Students should allow approximately $35.00 for text books. Blank forms, cataloguing cards, and other library supplies needed during the session may be obtained from the Secretary of the School.

3. LIBRARY VISITS

A week's visit, under the direction of members of the Faculty, to libraries in other cities is a required part of the Library course. (See 1*a* above.)

4. BOARD AND RESIDENCE

Information about approved boarding and lodging houses may be obtained on application to the Secretary of the School.

5. CLUBS AND SOCIETIES

Students are encouraged to take advantage of the privileges offered to members of the Canadian Library Association, the Quebec Library Association, the Special Libraries Association, and the American Library Association. Women students of the School are eligible for membership in the University Women's Club, 3492 Peel Street, in the immediate neighbourhood of the School.

SCHOLARSHIPS

1. The Ethelwyn M. Crossley Scholarship Fund, founded in honour of a former student of the school. Women students are given preference.

2. The Elizabeth G. Hall Scholarship Fund, founded in memory of a former member of the McGill University Library staff.

These awards are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application blanks may be obtained from the Secretary.

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

PARTIAL STUDENTS

A limited number of qualified students who are not candidates for the degree may be admitted to individual courses as partial students. Before registration such students must satisfy the staff of the School of their ability to follow the courses selected, and they must fulfil all requirements of classroom work and tests prescribed for regular students of these courses. A certificate of attendance may be obtained on application to the Registrar of the University, but no certificates shall be given for attendance at lectures unless the corresponding examinations have been passed.

SPECIAL LECTURES

The students have the benefit of occasional special lectures from visiting librarians or local specialists. The programme for the 1949-50 session included lectures by Dr. Kaye Lamb, Dominion Archivist; Dr. W. S. Wallace, Librarian, Toronto University; Mr. Edgar Osborne, County Librarian of Derbyshire, England; Miss Bertha Bassam, Associate

Professor of Library Science, Toronto University Library School; Miss Roberta Wilson, Librarian of Wentworth County, Ontario; Mr. Edgar S. Robinson, Librarian, Vancouver Public Library; Mr. Angus Mowat, Director of Public Library Service for the Province of Ontario and Dr. Leslie W. Dunlap, Librarian of the University of British Columbia.

DESCRIPTION OF COURSES

The courses provided by the School are based upon the needs and opportunities presented by the librarian's four-fold relation to: the building in which his library is housed, the books and periodicals in his charge, the readers whom he serves, and the staff with whom he works. In teaching the various subjects of the curriculum, every effort is made to relate them to library work as a whole and to develop a dynamic, rather than mechanical, point of view with regard to the present practice and the future possibilities of the profession.

Whenever possible, the past history, the practice of today, and the probable future development of library activities are related, and students are encouraged to assume an attitude that is constructively critical and forward-looking, rather than one that is merely imitative, conventional, and retrospective. The work of the School is grouped under the following headings for convenience of instruction: 1. Organization and administration of libraries. 2. The acquisition and care of library materials. 3. The selection and use of library materials. 4. Library practice.

ELECTIVES

In order to complete the requirements for the degree, as approved by the University on the recommendation of the American Library Association Board of Education for Librarianship, students must take all courses; but may elect either No. 8, Special Libraries, or No. 9, Library Work with Children.

1. ORGANIZATION AND ADMINISTRATION OF LIBRARIES

This group of courses is planned to give the future librarian a general idea of the ideals, functions, and successful running of libraries of different types. It is concerned with the place of the library in the community, the duties and opportunities of the librarian, and his relation to the trustees, staff, and readers. These courses form both framework and background for the more detailed instruction in technique and specialized services.

1. ORGANIZATION AND MANAGEMENT — *Miss Jenkins*

After an introductory survey of the relation of the library to other educational institutions, the student becomes familiar through lectures and required reading with such topics as: the underlying principles of business and service organization; elements of library administration; the appointment, qualifications, and duties of trustees; committees, meetings, and minute book; the library budget, distribution of funds, and accounts; statistics and reports; supplies and stock, inventory and checking stock; the qualifications of assistants, staff appointments and records, personnel management and work schedules; legislation affecting libraries in Canada; and the ethics of librarianship.

2. HISTORICAL BIBLIOGRAPHY — *Mr. Pennington*

This course deals with the history of the manuscript and printed book from classical times to the present. It includes lectures on Palaeography, the transmission of texts, the discovery and development of printing, and the technical processes of book making, including book illustration. Finally it is shown how this bibliographical knowledge, applied as Analytical Bibliography, becomes part of the *apparatus criticus* of modern textual criticism.

3a. LIBRARY EXTENSION — *Professor Ross*

A history of the development of county and regional library service in Canada and other countries is followed by a study of the organization and operation of rural services.

3b. ADULT EDUCATION — *Professor Ross*

The importance of the public library as an active agent in solving typical present-day problems of adult education is stressed. This includes a study of the social structure of the community; an estimation of the reading capacities, interests and needs of the people by means of library surveys; methods of improving the educational level and of supplying vocational guidance through readers' advisory work, instruction in the use of books and libraries, and visual and auditory services.

4. LIBRARY PUBLICITY AND EXHIBITS — *Professor Ross*

This course explains the principles of library publicity as applied to effective advertising; how to organize library campaigns; friends of the library groups; methods of co-operation with outside agencies; the work of museums and the technique of arranging library exhibits.

5. CIRCULATION *Miss Astbury*

The organization of the circulation department; registration of borrowers; a comparative study of the different methods of charging books; regulations and fines; supervision of reading room and stack; statistics; inter-library loans.

6. LIBRARY BUILDINGS AND EQUIPMENT

In this course the following subjects are discussed: basic principles and fundamentals in library planning; reading of architect's plans; the planning of various types of libraries; furniture and equipment; heating, ventilation, and lighting.

The lectures are illustrated by specially prepared diagrams. Students are required to work out simple planning problems illustrating topics considered in the course.

7. COLLEGE AND UNIVERSITY LIBRARIES *Mr. Pennington*

After a brief survey of the historical development of college libraries, their present organization and problems are considered, including service to undergraduates, research students, and staff; departmental libraries; special collections and reading rooms; teaching the use of the library; the allocation of funds; inter-library loans; and such technical processes as differ from those in public and other libraries.

8. SPECIAL LIBRARIES *Miss Simon*

This course is designed to present the purpose and point of view of the special library and to discuss the adaptation of general library techniques to its needs. Special attention is paid to the organization and administration of research libraries in business and industry, and the libraries of societies, foundations, and similar institutions. Research methods and sources of information peculiar to each field are surveyed and discussed. Practice work in selected special libraries is provided and visits are made to outstanding types of special libraries in Montreal and other large cities.

9. LIBRARY WORK WITH CHILDREN *Miss Reynolds and others*

This course shows the adaptations necessary in cataloguing and classification, reference work, book selection, and general administration to serve the needs of libraries for children. Children's literature from the historical point of view is reviewed; modern illustrators and modern authors are discussed. Special problems of the school library are considered. The lectures are supplemented by story telling, and by practical work in and visits to children's libraries.

II. ACQUISITION AND CARE OF LIBRARY MATERIALS

The purpose of these courses is to acquaint the future librarian with the principles underlying wise, economical, and adequate provision of books, periodicals, pamphlets, and other non-book material, etc., for library use, and the best modern technique to be applied in recording them and in making them available to the public.

10. ACCESSIONS — *Miss Astbury*

After considering the principles of library policy underlying accessions, a flexible routine for the receipt and record of gifts is discussed, followed by practice in the use of trade bibliographies, publishers' lists, and second hand catalogues, English, American, and foreign, as a basis for problems in ordering. The equipment and administration of this department, including the handling of invoices, fund records, and files, are also discussed. Practice is provided in the complete routine of ordering, in which the student makes out order cards, orders, and invoices, and completes the recording and filing involved.

11. CLASSIFICATION AND CATALOGUING — *Professor Murray*

The principles and purpose of classification and cataloguing are studied with a view to their application in libraries of different types and sizes. The Dewey Decimal classification is reviewed, the A.L.A. Cataloging Rules and the Library of Congress Rules for Descriptive Cataloging are examined in detail, with laboratory practice throughout the course in cataloguing and classification of books. The organization of the Cataloguing Department is also considered as well as the care of special types of material.

12. ADVANCED CLASSIFICATION — *Professor Murray*

The history and theory of classification are considered and a comparative study is made of Dewey, Brussels, Cutter, Library of Congress, Brown, Bliss, and other classification schemes now in use.

13. BINDING — *Mr. Pennington*

The topics considered in this course include the following: hand binding; the processes of sewing, forwarding, and finishing; types of sewing; machine binding, reinforced library binding, and spiral wire binding; materials, patterns, routine, and records for book binding; binding for periodicals and serials, pamphlets, and fugitive material; common causes of damage to books; repairs to books, and the history of book bindings.

III. SELECTION AND USE OF LIBRARY MATERIALS

While the students are being taught the processes involved in the care of books and are acquiring a professional background of knowledge and experience, the point of view and needs of the future reader are explained and provided for by a carefully planned study of the subject content of books and their adaptation to practical use in the libraries of various types.

During the first term Book Selection and Reference are studied separately and from a general point of view. In the second term they are combined and taught together in "special subject units" such as art, history, and chemistry. All forms of material are covered including books, serial publications, government documents, pamphlet, and other appropriate material.

14. BOOK SELECTION — *Professor Ross*

This course deals with methods of selecting books for various types of libraries, communities, and readers. Representative books of all classes are examined for their literary value as well as their physical make-up, and various editions, translations, and series are compared.

The student becomes familiar with the general and special printed aids to selection; the characteristics and specialties of publishing houses and book agents; the problems of authorship, copyright, and censorship; and important literature of the library profession, including library journals and books reviewing periodicals.

Training is given in book evaluation and annotation, written and oral book reviewing, and compiling selective book lists.

15. REFERENCE TECHNIQUES AND SUBJECT LITERATURE — *Professor Ross*

The purpose of the course is to give students a practical understanding of the administration of a reference department, its clientele, and the procedures involved in efficient reference and research work and a critical knowledge of the basic types of reference materials such as encyclopedias, dictionaries, yearbooks, indexes, followed by the outstanding reference sources in special subjects. Typical reference questions are given to students in order to develop facility in the use of these various books. Each student also makes an intensive study of the literature of one subject.

16. GOVERNMENT PUBLICATIONS — *Professors Ross and Murray and Miss Haultain*

The object of the course is to familiarize students with the character of British, Canadian, and United States government documents in reference and research work, their source and distribution, and their care and use in libraries. Special attention is paid to the understanding and use

of the various catalogues and indexes, and the organization of the different departments of government. Some attention is also paid to foreign documents, and United Nations and Unesco publications.

17. SERIALS *Miss Hamlyn*

A brief sketch of the historical development of serials is given; study is made of the various types of serials published to-day, such as popular magazines, technical journals, house organs, and the publications of societies and institutions.

A systematic survey is made of the problems involved in the selection and ordering of serials in English and foreign languages; checking and claiming; circulation, binding, and storage; exchange of duplicates and completing of sets.

18. PRACTICAL BIBLIOGRAPHY *Professor Murray*

Training is given in the preparation of an annotated bibliography. Printed bibliographies of all types are studied and practice is given in dealing with questions requiring bibliographical research. The importance of union catalogues, bibliographical centres, and national libraries is emphasized.

NON-BOOK MATERIALS

Problems arising in connection with the acquisition, care, and use of non-book materials in libraries are considered in appropriate courses and cover the following:

1. Motion picture films, stills, photostats, lantern slides, microfilm, and microcards, including a brief explanation of the processes of photography in its application to the library.

2. Music recordings and sheet music.

3. Picture collections, architectural drawings, blueprints, maps, and material of a similar nature.

4. Pamphlets, clippings, and other fugitive material.

5. The principles of alphabetical, geographical, numerical, subject, and classified filing are studied, and applied to the care of information files, office records, pamphlets, and pictures.

IV. LIBRARY PRACTICE

As all courses are planned for the development and future guidance of a trained library assistant in a modern library (public, special, college, school, or children's) it is believed that satisfactory results can be obtained only through familiarity with the use of library materials and with the daily work of the practising librarian. To obtain such necessary experience in close relation to daily instruction the following types of practical work are required:

1. LABORATORY WORK

The problems and laboratory work involved in the technical courses provide the conditions necessary for the practical application of the principles and methods taught. A schedule of required professional reading is provided in most of the courses.

2. VISITS TO LOCAL LIBRARIES

In addition to the Redpath Library and the various special and departmental libraries at McGill University, the students have the opportunity of becoming familiar with the Westmount Public Library, Mechanics' Institute, Fraser Institute, Montreal Public Library, St. Sulpice Library, Divinity Hall Library, Osler Library (medicine), Canadian Industries Library, Bell Telephone Company Library, Library of the Sun Life Assurance Company, Library of the Royal Bank of Canada, Library of the Montreal Museum of Fine Arts, Montreal Children's Library, Montreal High School Library, D'Arcy Magee High School Library, Montreal Catholic School Commission Library, and the Commercial High School Library. Visits are also made to a paper mill, printing house, publishing house, and commercial bindery.

3. LIBRARY VISITS TO OTHER CITIES

A week's visit to other large cities with a programme of conducted visits to libraries, is planned as a required part of the course. This serves to illustrate the practical application of subjects taught. Each student is required to prepare a report and to take part in class discussions on methods observed.

4. PRACTICE WORK

Two weeks of practical work under supervision is required during the session, in order that the student may acquire an appreciation of library work as a whole under everyday conditions. (72 hours)

McGill University



Montreal

School of Physical Education

Sir Arthur Currie Memorial Gymnasium

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

SCHOOL OF PHYSICAL EDUCATION

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

J. B. Kirkpatrick, B.A., M.Ed. (Sask.), Ed.D. (Columbia)
Professor of Physical Education and Director of the School

Miss Iveagh Munro, B.Sc., M.A. (Columbia), Dip. M.S.P.E.
Associate Professor of Physical Education

Victor F. Obeck, B.S. (Springfield), M.A. (Columbia)
Associate Professor of Physical Education

F. M. Van Wagner, B.P.E. (Springfield)
Associate Professor of Physical Education

H. R. Ryan, B.A. (Acadia), B.P.E. (Springfield)
Assistant Professor of Physical Education

Miss Thelma Wagner, B.Sc., M.A. (New York)
Assistant Professor of Physical Education

Miss Gladys Bean, M.A. (Columbia), B.A., Dip. M.S.P.E. *Lecturer*

R. E. Wilkinson, B.Sc. (P.Ed.) *Lecturer*

Miss Winona Wood, B.A., B.Ed. (Sask.), M.A. (Columbia), Dip. M.S.P.E.
Lecturer

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

A complete list of the teaching staff of the University, including the School of Physical Education, is printed as a separate announcement which may be obtained from the Registrar's Office.

SCHOOL OF PHYSICAL EDUCATION OFFICE

SIR ARTHUR CURRIE MEMORIAL GYMNASIUM

475 Pine Avenue West
Montreal 18
Telephone — MA 9181

GENERAL INFORMATION

HISTORY AND AIMS

The McGill School of Physical Education is an integral part of the Faculty of Medicine of McGill University. It was established as a short summer course in 1912, a three years' course in 1933, and, in the Session 1945-46, it was extended to a four years' course leading to the degree of Bachelor of Science in Physical Education, B.Sc. (P.Ed.)

The aim of the school is to provide Canada with well-qualified teachers of health and physical education who realize the contribution these subjects should make towards sane and happy living.

THE FIELD

There is an increasing demand for trained teachers in physical education and the field is rapidly widening to include such organizations as the following: Public and Private Schools, High Schools, Colleges, Y.M.C.A.'s, Y.W.C.A.'s, Church Clubs, Playgrounds, Recreation Centres, Welfare and Social Clubs, Settlements, Industrial Organizations, Boy Scouts, Girl Guides, Summer Camps, etc.

THE COURSE

The course is of four years' duration following a satisfactory standing in certain required subjects of the McGill School Certificate Examination, or three years after obtaining the necessary standing in the McGill Senior School Examination, or their recognized equivalents.

The course includes an analysis of the growth, development, and behaviour of the physical organism as a functioning unit, the underlying principles of general education, educational psychology, and the possible contribution of physical education to the problems of modern civilization.

During the course, and in addition to the regular academic sessions, a minimum of four months of field work and practice teaching under staff supervision is required. Normally this is made up by field work for a period of at least one month during each of the vacation periods which follow the second and third years, attendance for three weeks at the Autumn Outdoor Schools before each of the second and third years, and three weeks of practice teaching at the end of the fourth year.

DEGREE COURSE OFFERED

For the session 1950-51 both men and women students will be admitted to the School.

The course leads to the degree of Bachelor of Science in Physical Education, B.Sc. (P.Ed.)

ENTRANCE QUALIFICATIONS

Acceptable Junior Matriculation standing or equivalent work done elsewhere is necessary for admission to the School. The successful completion of the first year in the Faculty of Arts and Science or the necessary standing in the McGill Senior School Certificate Examination (Senior Matriculation), or equivalent work done elsewhere, is necessary for admission to the second year of the School. Physics, Chemistry, and Biology should be covered during the first year.

Students are admitted into the third year only in exceptional circumstances and at least two years of resident study in the School are ordinarily required before the Bachelor's degree can be granted.

The number of admissions is limited and the School is not bound to accept applicants who have passed the required examinations.

A natural aptitude for, and previous training in, physical activities, together with a sense of rhythm, are essential. A student should have played several team and individual type games and know how to swim, play basketball and tennis, skate, and have had some instruction in gymnastics before entering. Women students should have had some instruction in different forms of dancing. It is recommended that a student should, if possible, have earned the Bronze Medallion of the Royal Life Saving Society or its equivalent.

Students who desire to follow this course should consult the Director of the School concerning detailed requirements in motor activities.

The programme of physical education places a rare opportunity in the hands of the teacher and thus necessitates a forceful personality, guided by high ideals and aspirations, an understanding of people, and an ability to organize and control group activities.

FACILITIES

The University Library and Museum are available for use by the students, as are the University Hockey Rinks and Tennis Courts, the Percival Molson Memorial Statium, the Sir Arthur Currie Memorial Gymnasium, and the Memorial Swimming Pool.

A special library of selected works and the leading magazines on physical education are available for use by the students.

Exceptional facilities are afforded for practice teaching and observation in the Public Schools under the Montreal Protestant Central School Board, and in various institutions throughout the City.

RESIDENCES

See enclosed General Information pamphlet and application form.

UNIFORMS AND EQUIPMENT

The regulation costumes of the school must be worn, and students are not permitted to wear other than the regulation garments. An amount of approximately $40.00 is required to cover the cost of uniforms and personal equipment during the first year of attendance at the School.

Students will also be responsible for providing their own sports equipment, including ski equipment, tennis and badminton racquets, skates, hockey sticks, etc., as indicated in the course outlines for each year.

STUDENT ORGANIZATIONS

All women students are members of the Women's Union of McGill University and all its affiliated societies.

All men students are members of the Students' Society of McGill University.

PROFESSIONAL OPPORTUNITIES

From time to time students are required to attend lectures and functions relevant to their professional training.

TEXT BOOKS

The University Library exists for supplementary reading only. In order to start their own professional libraries, students are given a limited number of books and mimeographed material. In addition, students are expected to purchase a certain number of books recommended by the School.

ADMISSION

Men and women students are admitted to the regular courses in the School. They will not be admitted if they are less than 17 or more than 27 years of age, except under special conditions. A personal interview is advisable, and applicants must have had some practical experience in physical work before registration.

A photograph (passport size) and two references, one from a former teacher, must be sent direct to the school. Neither reference should be from a relative.

Partial students may be admitted to individual courses at the discretion of the Director.

FURTHER INFORMATION

Requests for further information should be addressed to the Secretary, School of Physical Education, McGill University, Montreal 2.

REGULATIONS

1. All students enter the School on an indeterminate probation. Students who are considered unsuitable for the profession are advised to discontinue.

2. A student may at the discretion of the Director be requested to withdraw at any time for reasons of unsatisfactory work or conduct.

3. Students in professional courses are required to be present at all classes unless excused. For classes in the Faculty of Arts and Science, see the regulations of that Faculty.

4. The regulations of the Faculty of Arts and Science concerning acceptance, exemptions, advancement, supplementals, standing, and conditions are followed as closely as possible.

5. No student is permitted to participate in outside demonstrations, classes, or teams, etc., without first having secured permission from the Director.

6. During the vacation periods which follow the second and third years, all students are required to do field work for a minimum of one month each year. The Director may, at his discretion, permit some modification of this requirement. The first three weeks of the second and third years are devoted to field work which is completed before the regular lectures in the Faculty of Arts and Science begin.

REGISTRATION AND FEES

REGISTRATION

Students will register at the Office of the School, 475 Pine Avenue West, as follows:

YEAR I—MEN AND WOMEN: Thursday, September 28th.

YEARS II AND III—MEN: Monday, September 11th.
WOMEN: Thursday, September 7th.

YEAR IV—MEN AND WOMEN: Friday, September 29th.

Students registering late are required to pay a late fee.

Application forms should be returned not later than August 13th.

FEES

The regular fees and special fees are given in the General Information pamphlet included in this Announcement.

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

DATES FOR PAYMENT

Fees for students who are entering the second or third years of the course are due and payable at the Accounting Office on Thursday, September 7th for women, and on Monday, September 11th for men, between the hours of 9 a.m. and 4 p.m., but they may be paid before that date. Fees for students who are entering the first and fourth years are payable Thursday, September 28th or Friday, September 29th. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates. An instalment fee of $5.00 is charged when fees are paid in two instalments.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immmediately after the prescribed dates for the payment of fees, the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

AWARDS AND PRIZES

AWARDS

Degrees are granted to successful students at the end of the course.

The Degree of the School is recognized by the Protestant Committee of the Department of Education, Province of Quebec, and the Montreal Protestant Central School Board, as qualifying a student who is a British subject for the rank of Specialist in the Public Schools.

Candidates who wish to qualify for the High School Diploma of the Province of Quebec are urged to consult the Professor of Education.

PRIZES

1. GOLD MEDAL.—The School offers a gold medal to the student who attains the highest general proficiency throughout the course.

2. LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This prize is awarded to the Junior Student who attains the highest general proficiency in the sessional examinations.

N.B.—The above conditions may be amended and prizes may be withheld at the discretion of the Director.

COURSES OF INSTRUCTION

The University reserves the right to amend or cancel any of the courses listed below. Further details of the courses are available upon request.

YEAR I

MEN AND WOMEN

*ENGLISH 100. (Literature and Composition) (Full Course)

*PHYSICS 12. GENERAL COURSE (B. A. section) (Full Course)

A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work and numerical examples.

Texts: Howe, Introduction to Physics (McGraw-Hill); An Elementary College Course in Experimental Physics (Renouf Publishing Co.)

*CHEMISTRY 60—The Chemistry of Daily Life (Full Course)

Major branches of chemistry discussed are Inorganic, Organic, Food, and Industrial.

Text: Hatcher, An Introduction to Chemical Science, 2nd ed. (Wiley)

*ZOOLOGY 11a—The Animal Kingdom (Half Course)

The nature and evolution of the animal world, with emphasis on types, environments, adaptation, and evolutionary processes.

First term: 3 hours lectures and 3 hours laboratory.

Text: Buchsbaum, Animals without Backbones (Chicago U.P.).

*ZOOLOGY 11b—Man and His Evolution (Half Course)

The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

Second term: 3 hours lectures and 3 hours laboratory.

Text: Hegner, College Zoology, 5th Edition (Macmillan).

*Faculty of Arts and Science.

PHYSICAL EDUCATION 1. Basic Techniques in Neuromuscular Activity (Lect. 2, Lab. 4 hours a week) (Full Course)

The basic and professional requirements in Year I consist of introductory or orientation courses given with the object of familiarizing the student with the field of physical education and recreation. A general standard of proficiency in motor skills is required in selected activities as a basis for the more advanced work of later years. Instruction in First Aid forms part of this course.

MEN: Track and field, soccer, basketball, gymnastics, apparatus, wrestling, swimming.

WOMEN: Swimming, elementary fundamental gymnastics, elementary modern dance, basketball, skating, volleyball, badminton.

YEAR II

MEN AND WOMEN

*ENGLISH 260—Dramatic Production (Full Course)

An introductory course which deals with the architectural development of the modern stage and with the technique of production, including such matters as technical terminology, duties of staff, etc.

3 hours of lectures a week; one laboratory period of 2 hours each week, to be arranged according to the students' convenience; and work on productions. The total time required exclusive of lectures is 100 hours.

FUNCTIONAL ANATOMY (Full Course)

The emphasis in this course is upon the body as a living mechanism in which the function and structure are inseparably related and in which the activities of all parts are intimately co-ordinated.

Text: Williams, Anatomy and Physiology (Saunders).

*PSYCHOLOGY 25—Educational Psychology (Full Course)

Designed for students of Education in the fifth year Diploma course and for students in Physical Education.

(*May not be taken by students who have credit for Psychology 21*)

*SOCIOLOGY 21A (Full Course)

Introduction to the study of society, evolution of social institutions, patterns of social and cultural change, social forces determining economic and political adjustments.

Text: Dawson and Gettys, An Introduction to Sociology (The Ronalds Press).

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*Faculty of Arts and Science.

*CHEMISTRY 72a (Half Course)

A course in elementary organic chemistry especially designed for students in Physical Education.

PHYSICAL EDUCATION 2. Principles of Physical Education: Analysis and Practice of Activity
(Lect. 3, Lab. 6 hours a week) (Full Course)

A survey of the aims of physical education and their relation to those of general education. Age and sex characteristics in play and recreation. Techniques and procedures for the elementary school. Students who are admitted to Year II with Senior Matriculation must give evidence of having achieved a standard of proficiency equivalent to that of students who have completed the practical work in the first year. If this is not so, extra practical, and in some cases theoretical, work will be required.

All students of the second year are required to report three weeks before the regular lectures begin in order to attend the Outdoor School in athletics, sports, and games.

During the session all students are required to attend a Ski School in the Laurentian Mountains for class instruction, practice in techniques, cross country touring, lectures, and discussions.

Between second and third years, all students are required to devote a minimum of one month to appropriate field work unless excused by the Director of the School.

MEN: Gymnastics, apparatus, soccer, track and field, rugby, touch rugby, softball, swimming, wrestling, hockey, skiing, backgrounds of the dance, and basketball.

WOMEN: Elementary school activities, gymnastics, soccer, track and field, softball, swimming, skiing, field hockey, tennis, camping, backgrounds of the dance, and basketball.

YEAR III

MEN AND WOMEN

*PSYCHOLOGY 34a—Dynamics of Behaviour and Adjustment (Half Course)

Instinct, need, drive, conflicting resolution, theory of motion and motivation.

*Faculty of Arts and Science.

*PSYCHOLOGY 33b—Adolescent Problems (Half Course)

Survey of the human problems of childhood and adolescence with emphasis on parent-child relationships and Mental Hygiene.

*EDUCATION 1. General Principles of Education (Full Course)

*EDUCATION G. (Half Course)

The use of the voice as a teaching instrument. Voice training, production and control. Diction and enunciation. Reading aloud (prose and poetry). Pitch and modulation.

*PHYSIOLOGY 21—Human Biology (Full Course)

A concise account of the structure and functions of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology.

Texts: Best and Taylor, The Living Body; Williams, Anatomy and Physiology.

**NUTRITION (Half Course)

Designed to give an understanding of the basic principles of nutrition with particular emphasis on nutrition requirements of the various age groups. Planning of adequate menus. Community nutrition programmes and methods of nutrition education.

**COMMUNITY HYGIENE (Half Course)

Fundamental principles of disease prevention, with special reference to sanitary environment and communicable diseases. Sources and modes of infection. Cause and effect.

PHYSICAL EDUCATION 3. Methods and Analysis of Teaching
(Lect. 3, Lab. 9 hours a week) (Full Course)

Evaluation and selection of material for the teaching of health, physical education, and recreation in the secondary schools, camps, playgrounds, and community centres. Techniques; methods; practice teaching

All students of the third year are required to report three weeks before the regular lectures begin in order to attend the Outdoor School in athletics, sports, and games.

During the session all students are required to attend a Ski School in the Laurentian Mountains for class instruction, practice in techniques, cross country touring, lectures and discussions.

Between third and fourth years, all students are required to devote a minimum of one month to appropriate field work unless excused by the Director of the School.

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*Faculty of Arts and Science.
**Faculty of Medicine.

MEN: Tennis, track and field, soccer, rugby, skiing, gymnastics, apparatus, basketball, swimming, life saving, hockey, folk dancing, boxing. Observation; methods and analysis of teaching; officiating; coaching; practice teaching.

WOMEN: Backgrounds of the dance, gymnastics, skiing, apparatus, advanced modern dance, clog and tap dancing, folk dancing. Observation; methods and analysis of teaching; practice teaching.

YEAR IV

MEN AND WOMEN

PHYSIOLOGY OF EXERCISE (Half Course)

The effects of various types of exercise are studied in relation to the working power of the human machine and consideration is given to the underlying principles in the selection of the best methods of exercise to employ.

HISTORY OF PHYSICAL EDUCATION (Half Course)

Study of the history of Physical Education from primitive times until the present day, including political History and the history of Education insofar as they have influenced Physical Education. Discussion of the growth and scope of modern societies that aim to promote public welfare through health and recreation.

ORGANIZATION AND ADMINISTRATION (Full Course)

Problems involving facilities, equipment, organization, and administration of physical education programmes in schools, colleges, industries, and institutions.

**PHYSICAL MEDICINE (Equivalent of 2 courses)

Development and present day requirements in Community Health, Mental Health, Preventive Medicine, Nutrition. Technical application of Physical Medicine, methods in Health Education, and care of athletic injuries.

This course includes remedial and corrective gymnastics; personal, school, and community health problems.

PHYSICAL EDUCATION 4. (Lect. 5, Lab. 6 hours a week) (Full Course)

Principles of physical education, programme construction. Curriculum content and planning.

**Faculty of Medicine, Department of Health and Social Medicine.

Principles, methods, advanced techniques. Analysis and integration of school curricula in health, physical education, and recreation. Practice teaching.

At the termination of the regular college session, all students are assigned to practice teaching duties in the public schools on a full-time basis for a period of three weeks.

MEN: Advanced gymnastics, water safety, exhibitions, pageants, individual sports. Arts, crafts, hobbies, adult and community recreation, squash, badminton. Officiating, coaching, and practice teaching.

WOMEN: Advanced apparatus, tumbling and stunts. Exhibitions, pageants. Arts, crafts, hobbies, adult and community recreation. Officiating, coaching, and practice teaching.

McGill University

Montreal

School for Graduate Nurses

Beatty Memorial Hall

1950-1951

McGill University



Montreal

School for Graduate Nurses

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Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
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SCHOOL FOR GRADUATE NURSES OFFICE

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John Hughes, M.A.	*Professor of Education*
Kathleen G. Terroux, M.Sc., Ph.D.	*Assistant Professor of Physiology*
	Lecturer in Chemistry

GENERAL INFORMATION

The School for Graduate Nurses of McGill University was established in 1920, and has consistently devoted its whole programme to the special preparation of well-qualified graduate nurses for positions of leadership. To improve the quality of nursing education, of nursing services, and of health education, it is obvious that an increasing number of nurses should be encouraged to fit themselves to be teachers, supervisors, and administrators in general and special fields.

The School offers courses to meet the needs of these groups. One-year programmes are available which lead to certificates in Teaching in Schools of Nursing, Administration in Schools of Nursing, Public Health Nursing, and Administration and Supervision in Public Health Nursing. Two-year programmes in the same fields, leading to the degree of Bachelor of Nursing, are also available for those who can meet the academic and professional entrance requirements, which provide opportunities for more extensive preparation. Three advanced one-year clinical nursing courses leading to a certificate are also offered: Supervision in Psychiatric Nursing, Supervision in Obstetrical Nursing, and Supervision in Pædiatric Nursing. The purpose of these courses is to prepare well-qualified nurses as specialists in the several clinical fields. In addition to these full-time programmes, nurses who are in or near Montreal may register as partial students. Refresher courses are also held from time to time.

RESOURCES AND FACILITIES

Courses in advanced nursing education are provided in the School. Other courses are available through the Faculty of Arts and Science and the Faculty of Medicine (including the Department of Health and Social Medicine), as well as through other Schools and Departments on the University campus.

The School, administered by the Faculty of Medicine, is located in Beatty Memorial Hall, which provides classroom space, lunch facilities, and other amenities. An up-to-date professional library is maintained at the School under the direction of a fully qualified librarian. Students have access to other libraries in the University.

Excellent community facilities are available for the observation of nursing in all its branches and for practice in teaching, supervision, and administration, in hospitals, schools of nursing, and public health nursing fields.

The resources of the following organizations are available: the teaching hospitals for both the Faculty of Medicine and the School for Graduate Nurses—the Royal Victoria Hospital (including the Allan Memorial

Psychiatric Institute, and the Royal Victoria Montreal Maternity Hospital); the Montreal General Hospital; the Alexandra Hospital (communicable diseases); the Shriners' Hospital for Crippled Children; the Children's Memorial Hospital; the Royal Edward Laurentian Hospital (tuberculosis) with its clinics; the Verdun Protestant Hospital; the Queen Mary Veterans Hospital; Montreal Neurological Institute of McGill, as well as other hospitals in Montreal.

The official and voluntary health agencies of the city and also clinics (both public and private) afford ample opportunities for study and field experience in the various aspects of community health. These resources include the Victorian Order of Nurses; the Child Health Association; the municipal health departments of Greater Montreal; hospital out-patient departments; industrial health services; the Mental Hygiene Institute; the Family Welfare Association; nursery schools and day nurseries; child guidance clinics, and other organizations concerned with the welfare of individuals and families.

ENTRANCE REQUIREMENTS

All applicants must have completed the basic nursing course in an approved school of nursing, be registered in the province or country from which they come, and meet the requirements for the course selected.

For admission to the certificate courses candidates must have passed in the required papers of the McGill Junior School Certificate Examination or their recognized equivalents (see p. 3214 for details).

For admission to the degree courses, candidates must have passed in the required papers of the McGill Senior School Certificate Examination or their recognized equivalents (see p. 3220 for details).

TRANSFER OF CREDITS

Consideration will be given to transfer of credits for work completed in another university if an official transcript of the student's work is sent directly to the School by the officers of the institution in which the work was completed.

APPLICATION FOR ADMISSION

All applications must be made on forms which may be obtained from the School for Graduate Nurses, McGill University, and must include a photograph of passport size.

REGISTRATION

All students will register at Beatty Hall between the hours of 9 A.M. and 4 P.M.

CERTIFICATE COURSES

Students in Public Health Nursing, Supervision in Psychiatric Nursing, Supervision in Obstetrical Nursing, and Supervision in Pædiatric Nursing will register on September 1st.

Students in Teaching and Administration in Schools of Nursing will register on September 15th.

Students in Administration and Supervision in Public Health Nursing will register on September 28th and 29th.

DEGREE COURSE

All degree course students will register on September 28th and 29th.

EXAMINATIONS

The pass mark in all examinations, in keeping with University regulations, is fifty per cent.

Results of examinations are recorded according to class, as follows: Class I, 80% to 100%; Class II, 65% to 79%; Class III, 50% to 64%.

HEALTH SERVICES

All students are required to have a medical examination by the University Health Service. There are no exceptions to this rule. Provision is made for health service to students *during the session* but not during vacations. (See *General Information* pamphlet for details.)

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Students pay annually two fees: (1) inclusive University fee; (2) a Students' Society fee. There are no other regular fees, and the only extras are for late registration, for graduation in absentia, etc.

Degree Course—University fee		$260.00
Students' Society fee		15.00
If by instalments:		
First instalment	$140.00	
Second instalment	140.00	
Certificate Course—University fee		210.00
Students' Society fee		15.00
If by instalments:		
First instalment	115.00	
Second instalment	115.00	
Instalment fee		5.00
Late Payment fee		2.00

Fees are due and payable at the Accounting Office in Dawson Hall, between the hours of 9 A.M. and 4 P.M. on September 28th and 29th. A late fee of $2.00 is charged for payment after these dates. As soon as possible after the prescribed dates the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend such students from further attendance until the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

BOARD AND RESIDENCE

There are no University residence facilities for students of the School for Graduate Nurses. Every assistance is given to students in seeking accomodation through a Rooms Registry located at the McGill Union. Application for rooms must be made in person from August 21 to October 6. The cost of board and lodging in approved rooms varies from $60.00 to $80.00 per month. Separately, good board costs from $40.00, and a room from $30.00 upwards a month.

EXPENSES

APPROXIMATE COST OF THE COURSE

University fees	$222.00 to $272.00
Books and incidentals	25.00 to 40.00
*Board and lodging	700.00 to 900.00

*Students registered in courses requiring longer field work period should take this extra time into consideration in estimating expenses.

UNIFORMS

All students are advised to have at least two white uniforms. Full white uniform is required for field experience in hospitals and for Convocation. For students in public health nursing special field uniforms are available for rental at the School. These students should bring white collars and any plain dark hat and coat. Brown or black walking shoes with low heels are required. Some public health nursing students have field work in hospitals where white uniforms are worn.

SCHOLARSHIPS

Applicants for scholarships must meet the University entrance requirements for Junior Matriculation. Preference will be given to applicants with experience in the nursing field.

1. ALEXANDRA HOSPITAL

The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

2. ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC

(*a*) A scholarship of $500 is offered to a member of the Association of Nurses of the Province of Quebec, whose qualifications are acceptable to McGill University. Any course offered by the School may be selected.

(*b*) District No. 11 (English Chapter) Association of Nurses of the Province of Quebec offers a scholarship of $500 to a member of the Chapter, whose qualifications are acceptable to the University.

3. CHILDREN'S MEMORIAL HOSPITAL SCHOOL OF NURSING

The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School for Graduate Nurses.

4. MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING

The Mildred Hope Forbes Memorial Scholarship Fund provides annual scholarships to graduates of the Montreal General Hospital School of Nursing for graduate work in nursing at a Canadian university.

5. ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING

(*a*) The Mabel F. Hersey Scholarship is given annually by the Board of Governors for a year of post-graduate study at the School for Graduate Nurses, McGill University.

(*b*) The Emma Thomas Scholarship is offered annually for post-graduate study.

(*c*) The Ida McGregor Scholarship is offered annually for post-graduate study.

6. VICTORIAN ORDER OF NURSES FOR CANADA

The Victorian Order of Nurses for Canada offers scholarships of $750 to nurses to assist them in taking post-graduate preparation in Public Health Nursing. The recipients are obligated following their course to work one year for the Victorian Order in the area where their services are most urgently needed.

7. THE HOMŒOPATHIC HOSPITAL OF MONTREAL

The Alumnæ Association of the Homœopathic Hospital School for Nurses offers a scholarship of $300 for a year's study in Teaching and Supervision in Schools of Nursing at the School for Graduate Nurses. Only members of the Alumnæ Association are eligible.

8. HERBERT REDDY MEMORIAL HOSPITAL

The Board of Trustees offers a scholarship for a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing in connection with the Hospital are eligible.

W. K. KELLOGG FOUNDATION LOAN FUND

Through the generosity of the Foundation, this fund has been established to assist graduate nurses who cannot otherwise meet the expenses of a course of study at the School. For further particulars applicants should consult the Director of the School for Graduate Nurses.

ONE YEAR CERTIFICATE COURSES

TEACHING IN SCHOOLS OF NURSING

PUBLIC HEALTH NURSING

SUPERVISION IN PSYCHIATRIC NURSING

SUPERVISION IN OBSTETRICAL NURSING

SUPERVISION IN PÆDIATRIC NURSING

ADMINISTRATION IN SCHOOLS OF NURSING

ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Certain subjects taken in Certificate Courses can be credited towards a degree in nursing. (*See p.* 3220.)

ENTRANCE REQUIREMENTS

1. MCGILL JUNIOR MATRICULATION

Candidates must have passed with satisfactory standing in the required papers of the McGill Junior School Certificate examination or their recognized equivalents. The number of subjects or papers to be taken in any such examination is the number normally required to obtain Junior Matriculation standing in the Faculty of Arts and Science.

The compulsory subjects are English, History, Algebra or Advanced Arithmetic, and Chemistry or Biology. Chemistry and Biology should *both* be taken if possible. The other subjects of the examination are entirely optional.

The Faculty of Arts and Science will admit a graduate of the School to the first year of any of its courses with this matriculation if the student is specially recommended by the School for Graduate Nurses.

2. NURSING PREPARATION AND EXPERIENCE

Applicants must present evidence of the satisfactory completion of the basic nursing course in an approved school of nursing. They must also present evidence of satisfactory experience in nursing following the completion of the basic-nursing course.

3. HEALTH

A certificate of medical examination must be submitted as required by the University, and of successful vaccination within seven years or of insusceptibility to vaccine within five years, in accordance with provincial health regulations.

TEACHING IN SCHOOLS OF NURSING

This course prepares qualified nurses for positions as classroom instructors in schools of nursing and head nurses. A period of at least one year of

satisfactory experience in nursing following completion of the basic nursing course is considered a prerequisite. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 21A
* CHEMISTRY 60
* PHYSIOLOGY 21
NC-2. MENTAL HEALTH
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NG-2. SOCIAL ASPECTS OF NURSING

PUBLIC HEALTH NURSING

This course of nine months prepares qualified nurses for staff positions in public health nursing organizations. A period of at least one year of satisfactory experience in nursing, following completion of the basic nursing course, is considered a prerequisite.

Field experience under supervision is an integral part of the course, Public Health Nursing. The requirement for students without previous public health nursing experience is twelve weeks. This requirement is adjusted to meet individual needs, and students are not expected to repeat experience which has been gained under adequate supervision. (See p. 3228 for details.)

REQUIRED COURSES

* SOCIOLOGY 21A
† BACTERIOLOGY 8
NC-2. MENTAL HEALTH
NC-21. PUBLIC HEALTH
NC-4. NUTRITION
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NS-20. PUBLIC HEALTH NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-20. TEACHING IN PUBLIC HEALTH NURSING

* Faculty of Arts and Science.
† Faculty of Medicine.

CERTIFICATE IN SUPERVISION IN PSYCHIATRIC NURSING

This course is for ten months and is planned to prepare nurses who have the required qualifications to assume more responsible positions in the psychiatric field. To meet the growing demands which the expansion of services has created, a very broad interpretation is given, with considerable emphasis on community aspects. Special experience is planned so that the student may broaden her knowledge in her selected area of service, whether it is in the hospital in supervisory, teaching, or administrative positions, or in a community agency.

Applicants must have had at least two years of satisfactory experience in nursing following completion of the basic nursing course, of which one year has been spent in psychiatric nursing.

The course includes lectures and related clinical experience, conferences, demonstrations.

The month of September is devoted to observation and supervised practice; from October to April inclusive, lectures in the University are correlated with a planned clinical programme. The course is concluded by two months of concentrated field experience.

REQUIRED COURSES

* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-2. MENTAL HEALTH
NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NS-61. PSYCHIATRY
NS-60. PSYCHIATRIC NURSING

CERTIFICATE IN SUPERVISION IN OBSTETRICAL NURSING

This course covers ten months and is planned to prepare nurses with the required qualifications to assume supervisory responsibilities in obstetrical nursing service and in the development of the educational programme for undergraduate and graduate nurses.

* Faculty of Arts and Science.

Applicants must have had at least two years of satisfactory experience in nursing following completion of the basic nursing course, of which one year has been spent in obstetrical nursing.

The course includes lectures and related clinical experience, conferences, demonstrations, and special studies.

The month of September is devoted to observation and supervised practice; from October to April inclusive, lectures in the University are correlated with a planned clinical programme. The course is concluded by two months of concentrated field experience.

REQUIRED COURSES

* SOCIOLOGY 21A
† BACTERIOLOGY 8
NC-2. MENTAL HEALTH
NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NS-41. OBSTETRICS
NS-40. OBSTETRICAL NURSING

CERTIFICATE IN SUPERVISION IN PAEDIATRIC NURSING

This course covers ten months, and is planned to prepare nurses with the required qualifications to assume teaching and supervisory responsibilities in improving the scope and quality of pædiatric nursing care and in the development of an effective clinical teaching programme.

Applicants must have had at least two years of nursing experience since their graduation, of which one year has been spent in pædiatric nursing. The course includes lectures, clinics, and conferences, closely correlated with carefully selected nursing experience in hospital and community health organizations, as well as various institutions which provide special care for children.

The month of September is devoted to observation and supervised practice. The University term consists of study and field experience. Two months of advanced experience is provided at the end of the course, in which the student assumes teaching and supervisory responsibilities.

* Faculty of Arts and Science.
† Faculty of Medicine.

REQUIRED COURSES

* PSYCHOLOGY 21

NC-2. MENTAL HEALTH

NS-52. SOCIAL ASPECTS OF CHILD CARE

NC-3. CHILD GROWTH AND DEVELOPMENT

NC-20. PUBLIC HEALTH

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

NS-61. PÆDIATRICS

NS-60. PÆDIATRIC NURSING

NC-1. PRINCIPLES OF LEARNING AND TEACHING

NE-1. TEACHING IN SCHOOLS OF NURSING

NA-11. NURSING SUPERVISION

CERTIFICATE IN ADMINISTRATION IN SCHOOLS OF NURSING

This course prepares qualified nurses to direct schools of nursing and nursing service in hospitals. Applicants for the course must show evidence of a satisfactory record of two or more years in an executive position. The course "Teaching in Schools of Nursing" or the equivalent, followed by satisfactory experience would provide the most desirable background for this advanced course. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 21A

* ECONOMICS 211G

NC-11. SCIENTIFIC MANAGEMENT

NC-23. STATISTICS

NC-10. HOSPITAL ADMINISTRATION

NC-2. MENTAL HEALTH

NC-20. PUBLIC HEALTH

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

NA-11. NURSING SUPERVISION

NA-1. ADMINISTRATION IN SCHOOLS OF NURSING

CERTIFICATE IN ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

This course prepares qualified nurses as supervisors and directors in public health nursing organizations.

* Faculty of Arts and Science.

The course "Public Health Nursing" or its equivalent, and at least two years of satisfactory experience in the field following the completion of a basic course in public health nursing, are prerequisites. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 34a, or 31b

* ECONOMICS 211G

NC-11. SCIENTIFIC MANAGEMENT

NC-23. STATISTICS

NC-22. ADMINISTRATION IN PUBLIC HEALTH

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

NA-20. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

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* Faculty of Arts and Science.

COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF NURSING

To keep pace with the increasing demands made upon professional nursing it is essential that a sufficient number of nurses who meet the academic, personal, and professional requirements be encouraged to undertake a broader preparation for leadership than can be provided in a one-year programme.

A carefully planned two-year course is offered for this group. In the first year, students take a general course of selected subjects in the Faculty of Arts and Science, in the Faculty of Medicine, and in the professional field. The second year programme includes nursing and allied subjects, closely correlated with observation and practice, and provides opportunity for specialization in the following fields:

TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

PUBLIC HEALTH NURSING

ADMINISTRATION IN SCHOOLS OF NURSING

ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Certain subjects taken in Certificate Courses can be credited towards a degree.

ENTRANCE REQUIREMENTS

1. McGILL SENIOR MATRICULATION

Candidates must have passed with satisfactory standing in the required papers of the McGill Senior School Certificate examinations or their recognized equivalents. The required subjects are English, Chemistry, and any three of the following: History, Biology, French, German, Spanish, Latin, Mathematics, Physics.

2. NURSING PREPARATION AND EXPERIENCE

(a) All applicants must present evidence of the completion of the basic nursing course in an approved school of nursing with a creditable record in theory and practice. All applicants must be registered in the province from which they come.

(b) At least one year of satisfactory experience for specialization in Teaching and Supervision in Schools of Nursing, or in Public Health Nursing. At least three years of experience in which executive ability

has been demonstrated, for specialization in Administration in Schools of Nursing, or in Administration and Supervision in Public Health Nursing. A basic course in public health nursing is a prerequisite for the course in Administration and Supervision in Public Health Nursing.

3. HEALTH

A certificate of medical examination must be submitted as required by the University, and of successful vaccination within seven years or of insusceptibility to vaccine within five years, in accordance with provincial health regulations.

BACHELOR OF NURSING (Teaching and Supervision in Schools of Nursing)

REQUIRED COURSES

FIRST YEAR

* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-7. CHEMISTRY
NC-2. MENTAL HEALTH
NC-4. NUTRITION
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-2. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING

SECOND YEAR

* EDUCATION 1
* PHYSIOLOGY 21
NC-5. BACTERIOLOGY
NC-6. BACTERIOLOGY
NC-20. PUBLIC HEALTH
NC-24. SOCIAL MEDICINE
NG-1. SOCIAL ASPECTS OF NURSING
NA-11. NURSING SUPERVISION
NE-4. PROBLEMS IN TEACHING AND SUPERVISION
NE-3. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

* Faculty of Arts and Science.

BACHELOR OF NURSING (Public Health Nursing)

REQUIRED COURSES

FIRST YEAR

* SOCIOLOGY 21A
NC-7. CHEMISTRY
NC-21. PUBLIC HEALTH
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-4. NUTRITION
NG-2. SOCIAL ASPECTS OF NURSING
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NS-21. PUBLIC HEALTH NURSING
NC-2. MENTAL HEALTH
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-20. TEACHING IN PUBLIC HEALTH NURSING

SECOND YEAR

* EDUCATION 1
* PSYCHOLOGY 21
* PHYSIOLOGY 21
NC-5. BACTERIOLOGY
NC-6. BACTERIOLOGY
NC-24. SOCIAL MEDICINE
NS-21. PUBLIC HEALTH NURSING

BACHELOR OF NURSING (Administration in Schools of Nursing)

REQUIRED COURSES

FIRST YEAR

* ECONOMICS 211G
* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-20. PUBLIC HEALTH
NC-2. MENTAL HEALTH
NC-23. STATISTICS
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NA-2. ADMINISTRATION IN SCHOOLS OF NURSING

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* Faculty of Arts and Science.

SECOND YEAR

* EDUCATION 1
NC-4. NUTRITION
NC-24. SOCIAL MEDICINE
NC-5. BACTERIOLOGY
NC-6. BACTERIOLOGY
NC-11. SCIENTIFIC MANAGEMENT
NC-10. HOSPITAL ADMINISTRATION
NA-3. ADMINISTRATION IN SCHOOLS OF NURSING
NA-4. PROBLEMS IN SCHOOL OF NURSING ADMINISTRATION
NA-11. NURSING SUPERVISION

BACHELOR OF NURSING
(Administration and Supervision in Public Health Nursing)

REQUIRED COURSES

FIRST YEAR

* ECONOMICS 211G
* PSYCHOLOGY 21
NC-22. ADMINISTRATION IN PUBLIC HEALTH
NC-2. MENTAL HEALTH
NC-23. STATISTICS
NC-11. SCIENTIFIC MANAGEMENT
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NA-21. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

SECOND YEAR

* EDUCATION 1
* SOCIOLOGY 34a or 31b
NC-6. BACTERIOLOGY
NC-24. SOCIAL MEDICINE
NA-22. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING
NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

* Faculty of Arts and Science.

DESCRIPTION OF COURSES

NURSING—GENERAL

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

Nursing today; brief review of the growth of professional nursing; surveys and reports; the professional school of nursing; emphasis on health and social factors; present trends, including organization, economic factors, legislation; nursing as a community service.

Two hours, two terms. *Marion Lindeburgh and other lecturers*

NG-2. SOCIAL ASPECTS OF NURSING

The inter-personal and environmental needs of individuals, as they are encountered in nursing situations.

Two hours, second term. *Caroline H. Elledge*

NURSING—EDUCATION

NE-1. TEACHING IN SCHOOLS OF NURSING

Principles of curriculum construction; sound organization and administration of the educational programme; essential content for basic nursing education; integration of theory and practice; application of modern methods of teaching; methods of evaluation.

One hour first term,
two hours second term. *Marion Lindeburgh and special lecturers*

Field Experience

During the month of September provision is made for preliminary observation in local hospitals. After examinations in May a short period of special field experience is arranged to meet individual needs.

NE-2. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

School of nursing curricula, aim and content; comparative study of basic programmes; methods of teaching, planning of instruction, methods of evaluation.

One hour first term, two hours second term. *Marion Lindeburgh*

Field Experience Two months

Two months of field experience are planned following examinations in April.

NE-3. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

Administration of the educational programme under hospital and university administration; integration of theory and practice; health and preventive aspects of nursing education.

Two hours, first term. *Marion Lindeburgh*

Field Experience Two months

Two months of field experience are planned following examinations in April.

NE-4. PROBLEMS IN TEACHING AND SUPERVISION

Special study of the more important problems of nursing service and nursing education; maintaining good standards of nursing care and nursing education, evaluation and revision of procedures, staffing, staff education, the ward teaching programme; guidance and counselling, evaluation of students and their work; a critical analysis of basic programme, purpose, and content of advanced nursing courses.

Two hours, second term. *Marion Lindeburgh*

NE-20. TEACHING IN PUBLIC HEALTH NURSING

Opportunities and responsibilities of the public health nurse for health teaching; determining health education needs; the family as the unit of instruction; criteria for selection of teaching aids; use of newspaper, radio, and films; evaluation of programme.

Two hours and conferences, second term.

Ann Peverley and Margaret Holder

Field Experience

Observation and practice; assignments and conferences during the term and during field work.

NURSING — ADMINISTRATION

NA-1. ADMINISTRATION IN SCHOOLS OF NURSING

Organization and administration of the school of nursing; essentials of an approved school of nursing; control by hospital or university; school of nursing committee; school budget; staff, students, dual responsibilities of superintendent of nurses, administration of educational facilities, working and living conditions, health service, records, educational programme, guidance.

Two hours, two terms. *Marion Lindeburgh and special lecturers*

Field Experience

Observation and practice in addition to planned visits and conferences during the term.

NA-2. ADMINISTRATION IN SCHOOLS OF NURSING

Evolution of schools of nursing; factors affecting present day administration; hospital and school relationships; the dual role of the superintendent of nurses; essentials of a good school; essentials of hospital nursing service; standards.

Two hours, two terms. *Marion Lindeburgh*

Field Experience One month

One month of field experience is planned following examinations in April.

NA-3. ADMINISTRATION IN SCHOOLS OF NURSING

Principles of organization and administration; personnel administration; staff education; student selection, health service, guidance, evaluation; administration of curriculum; school budget; records; accrediting; control by universities of undergraduate and graduate courses.

Two hours, two terms. *Marion Lindeburgh and special lecturers*

Field Experience Two months

Two months of administrative field experience are planned at the end of the second year.

NA-4. PROBLEMS IN SCHOOL OF NURSING ADMINISTRATION

Demands of the nursing service and of nursing education; personnel selection, relationships and morale, status and responsibilities, staff education and management; student selection, rotation, assignments, evaluation and guidance, living and working conditions, health service; staff and student records.

Two hours, second term. *Marion Lindeburgh and special lecturers*

NA-10. WARD MANAGEMENT AND TEACHING

Principles of management applied to nursing service and nursing education; nursing personnel, qualifications, responsibilities, relationships; staff education; ward teaching programme; rotation; ward assignments; methods of evaluation; records.

One hour, two terms. *Marion Lindeburgh and special lecturers*

NA-11. NURSING SUPERVISION

The need for supervision in relation to nursing service and nursing education; the clinical supervisor, qualification, responsibilities and relationships; staff education; the supervisory programme; principles of supervision; evaluation of supervision.

Two hours, second term. *Elizabeth Logan*

NA-20. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Application of principles of organization and administration to field of public health nursing; trends and policies in official and voluntary organizations; organization, finance, budget; personnel selection and management; supervision; staff and student education; relationships; administration of rural and urban programmes.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience One month

Observation of methods and content of supervision followed by conference and discussion during the session; one month practice in administration and supervision in the field.

NA-21. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Trends and developments in official and voluntary health services; implications for public health nursing; principles of organization and administration and application to public health nursing; programme planning; principles and methods of supervision.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience One month

Observation of methods and content of supervision followed by conference and discussion during the session; one month practice in administration and supervision in the field.

NA-22. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Administration in public health nursing; organization and control; board and committees; finance, budget, purchasing; office management; personnel policies, selection, training, and management; supervisory programmes; staff education; student programmes; evaluation; interpretation; volunteers; relationships.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience Two months

Two months of administrative experience under supervision.

NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

Study of the more important problems of service and education in the public health nursing field; maintenance of standards; balancing the programme; supervision in office and field; records; evaluation; supervisory reports; relationships.

Two hours, two terms. *Ann Peverley*

NURSING—SPECIALTIES

NS-20. PUBLIC HEALTH NURSING

Scope of public health nursing today; trends, objectives, principles, functions, and methods, with emphasis on family health; records and statistics; application of principles and methods to development of urban and rural nursing services; maternal, infant, pre-school, school, industrial, and morbidity programmes; planning and evaluating public health nursing services.

Three hours, two terms. *Margaret Holder*

Field Experience

(*a*) Four weeks of preliminary field experience in September.

(*b*) Field trips to health and social agencies throughout the session.

(*c*) One day each week in the field during the session, to the extent of two weeks of experience.

(*d*) Six weeks of supervised practice in May and June.

NS-21. PUBLIC HEALTH NURSING

Scope of public health nursing today; development and trends; objectives, principles, functions, and methods, with emphasis on family health service; records and statistics; community nursing needs.

Three hours, two terms. *Ann Peverley and Margaret Holder*

Field Experience Two months

Throughout the course field visits are made to health and social agencies in the community.

NS-22. PUBLIC HEALTH NURSING

Application of principles and methods in development of adequate programmes for maternal, infant, pre-school, school, industrial, communicable disease, and morbidity services; planning and evaluating public health nursing services in rural and urban areas; organization of public health nursing programmes in Canada.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience Two months

Throughout the course field visits are made to health and social agencies in the community.

NS-40. OBSTETRICAL NURSING

Essential nursing care, specific procedures in obstetrical nursing from the point of view of administration and teaching.

One hour and conference, two terms.

Caroline V. Barrett and Gertrude L. Yeats

Field Experience Three months

NS-41. OBSTETRICS

The lectures and tutorials cover in detail: the physiology of reproduction and pregnancy; antenatal care; abnormalities of pregnancy, labour, and puerperium; care of the newborn.

Students also attend demonstrations, clinics, and ward rounds on obstetrical patients.

One hour, two terms. *Professors N. W. Philpott and G. A. Simpson*

NS-50. PÆDIATRIC NURSING

Study and application of nursing methods and techniques in relation to the care of sick children with emphasis on their normal growth, development, and state of health.

One hour and conference, second term.

Elizabeth Logan and Madeline Flander

Field Experience Three months

NS-51. PÆDIATRICS

Lectures, conferences, and clinics to provide for the student in Pædiatric Nursing an understanding of the diseases of children and the newer methods of treatment.

Two hours, second term. *Professor Alton Goldbloom*

NS-22. SOCIAL ASPECTS OF CHILD CARE

The general course in Social Aspects of Nursing, taken concurrently with seminars devoted to the study and discussion of the needs of individual sick children.

Two hours and conferences, second term.

Caroline H. Elledge and Elizabeth Logan

NS-60. PSYCHIATRIC NURSING

Nursing care based upon interpretation of the behaviour of patients and the underlying dynamics of behaviour; a consideration of social problems associated with mental illness; community facilities dealing with these problems; consideration of the factors in preventive psychiatry; educational programme—professional, auxiliary, and student personnel; application of principles of supervision and administration to psychiatric nursing.

Two hours and conference, two terms.

Elsie C. Ogilvie and Kathleen Marshall

Field Experience Three months

NS-61. PSYCHIATRY

Psychoneuroses and behavioural problems generally; the relationship of deviations in human behaviour to social situations, the importance of

hereditary factors, motivations, incentives, and the part played by emotional factors in the production of personality difficulties.

One hour, two terms *Professor Ewen Cameron and Staff*

NURSING—COGNATE COURSES

NC-1. PRINCIPLES OF LEARNING AND TEACHING

Psychological principles of learning and teaching. Teaching aims and methods; selection and organization of subject matter to meet specific needs; preparation for effective teaching; evaluation of teaching.

Three hours, first term. *Marion Lindeburgh*

NC-2. MENTAL HEALTH

A study of the nature of human behaviour, the basic principles of mental health and the intellectual, emotional, physical, and social factors involved in personality maladjustments and mental disorders.

Two hours, first term. *Professor Baruch Silverman and special lecturers*

NC-3. CHILD GROWTH AND DEVELOPMENT

Present day concepts of normal growth and development of the child from infancy through adolescence; to provide a basis for anticipatory guidance, for recognition of physical and mental deviation and for effective planning of administration and teaching for child care; concurrent observation in nursery schools, schools and settlement houses.

Two hours, first term. *Elizabeth Logan and special lecturers*

NC-4. NUTRITION

Newer knowledge of nutrition with emphasis on normal feeding of individuals and families; planning of meals at various income levels; the budgeting of food money.

Two hours, two terms. *Marian A. Wall*

NC-5. BACTERIOLOGY (Bacteriology 8 in Faculty of Medicine)

An introductory course in Bacteriology and Immunology dealing with fundamental principles and their application to the study of sources and modes of infection, methods of diagnosis and prevention, and the place of this knowledge in nursing. No attempt is made to carry out an elaborate study of pathogenic bacteria nor to acquire bacteriological techniques. The laboratory periods provide an opportunity for demonstration of material discussed in the lecture periods.

Four hours, first term *Professors D. S. Fleming and C. D. Kelly*

(22 lectures and 20 hours of practical work).

NC-6. BACTERIOLOGY (Bacteriology 10 in the Faculty of Medicine)

A series of 13 two-hour seminars offered to candidates taking the Degree Course and who have successfully completed Bacteriology 8. The content of the course is restricted to applications of Bacteriology and Immunology to the various fields of nursing. It is an attempt to discuss in a practical manner the contributions which these sciences can offer to the solution of problems raised in the attempt to prevent, diagnose, and control infectious diseases.

Two hours, second term.

Professors E. G. D. Murray, D. S. Fleming, J. W. Stevenson, and G. G. Kalz

NC-7. CHEMISTRY (Chemistry 72 in the Faculty of Arts and Science)

The application of the principles of inorganic and organic chemistry to the general problems connected with living cells and their functions.

Three hours and laboratory, one term.

NC-10. HOSPITAL ADMINISTRATION

Principles of organization and administration applied to the hospital; committees, finance, purchasing, maintenance, housekeeping, personnel, medical and nursing services, administration of departments, health service; the school of nursing in the hospital.

Two hours and conference, second term.

Dr. B. S. Johnston, Dr. J. G. Turner, and Elsie C. Ogilvie

NC-11. SCIENTIFIC MANAGEMENT

Principles of organization and administration; administrative control, policies and procedures, finance, public relations; personnel qualifications, selection, training and placement, salaries, promotions, working conditions, welfare programmes, relationships, personnel records.

Two hours, second term. *Professor James A. Coote*

NC-20. PUBLIC HEALTH

Brief survey of the development and present status of public health in Canada and other countries; policy and function of national, provincial and local health departments; role of the voluntary agency; legislation affecting health; vital statistics; epidemiology.

Two hours, first term. *Professor C. W. MacMillan*

NC-21. PUBLIC HEALTH

Brief survey of the development and present status of public health in Canada and other countries; policy and function of national, provincial, and local health departments; role of the voluntary agency; legislation

affecting health; vital statistics; epidemiology; planning community health programmes, rural and urban; adequate maternal, infant, pre-school, school, and industrial health services; evaluation of health services.

Two hours, two terms. *Professor C. W. MacMillan*

NC-22. ADMINISTRATION IN PUBLIC HEALTH

General principles underlying health organization and administration; trends and policies; role of official and voluntary agencies; health legislation; vital statistics; present day epidemiological practice; programme planning; evaluation of public health services, health surveys.

Two hours, first term. *Professors R. P. Vivian and C. W. MacMillan*

NC-23. STATISTICS

Description and definition of basic concepts and of statistical materials; tables and graphs; Canadian population statistics; statistics of medical services and methods of estimating requirements; analysis of rates, ratios, and trends of Canadian vital statistics; principles of a statistical study.

Two hours, second term. *Professor C. W. MacMillan and Miss A. Le Brooy*

NC-24. SOCIAL MEDICINE

Fundamentals of medical science in general and special fields, including recent knowledge as to cause, treatment, and prevention of disease; promotion of individual and public health.

Two hours, second term. *Professor R. P. Vivian and special lecturers*

COURSES GIVEN IN OTHER FACULTIES

CHEMISTRY 60. The Chemistry of Daily Life.

For students in Arts, the School for Graduate Nurses, and others who wish to gain an insight into the importance of chemistry. No previous knowledge of the subject is required. Demonstrations take the place of formal laboratory operations. Major branches of chemistry discussed are Inorganic, Organic, and Food.

Two hours, two terms. *Professor W. H. Hatcher*

Text: Hatcher, *An Introduction to Chemical Science*, 2nd edition (Wiley).

ECONOMICS 211G. Elements of Political Economy.

Production, distribution, and exchange of goods; money and banking; prices, international trade, and foreign exchange; labour and trade unions; related topics.

Three hours, two terms. *Professor John Culliton*

EDUCATION 1

General principles.

Three hours, two terms. *Professors John Hughes and A. C. Currie*

PHYSIOLOGY 21. Human Biology

A concise account of the structure and functions of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology.

Three hours. *Professor K. G. Terroux*

Texts: Best & Taylor, *The Living Body;* Williams, *Anatomy and Physiology.*

PSYCHOLOGY 21. Introduction to Psychology

A biologically oriented outline of the modern approach to psychology.

Two hours and *Professor D. O. Hebb*

One weekly conference, two terms.

Text: Munn, *Psychology* (Houghton Mifflin).

SOCIOLOGY 21A. Introduction to Sociology

Three hours, two terms. *Professor C. A. Dawson*

SOCIOLOGY 31b. Complex Social Structures

Analysis of organized groups in a complex social structure; classification of institutions; theory of institutional statuses and roles; individual career lines; case study of the professions.

Three hours, second term. *Professor Oswald Hall*

SOCIOLOGY 34a. The Family

Traditional backgrounds of the modern Canadian family; institutionalized structures and functions of contemporary families; social psychology of familial interaction.

Three hours, first term. *Professor Aileen D. Ross*

McGill University

Montreal

School of
Social Work

1950-1951

АКАДЕМИЯ НАУК СССР

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:—

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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CALENDAR FOR 1950-1951

1950

September 28th, Thursday. Students register in the School of Social Work.

September 29th, Friday. Instruction begins.

December 20th, Wednesday. Last day of lectures and field work before Christmas.

1951

January 4th, Thursday. Lectures resumed.

January 19th, Friday. First term ends.

January 24th-26th, Wednesday-Friday. Examinations.

January 29th, Monday. Second term begins.

May 4th, Friday. Last day of lectures.

May 9th, Wednesday. Examinations begin.

May 14th, Monday. Full time field work (1st year) and full time research (2nd year) begin.

June 22nd, Friday. Second term ends.

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

H. N. Fieldhouse, M.A., F.R.S.C.
Dean of McGill College (Faculty of Arts and Science)

John J. O. Moore, M.A., Ed.D. — *Director of the School of Social Work*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S. — *Bursar*

T. H. Matthews, M.A. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

SCHOOL OF SOCIAL WORK OFFICE
3600 University Street
Montreal 2, P.Q.
Telephone—MA 9181

STAFF OF THE SCHOOL OF SOCIAL WORK

DOROTHY AIKIN, B.A., Diploma, Montreal School of Social Work
Assistant Professor of Social Work and General Supervisor of Field Work

J. O. W. BRABANDER, M.D., C.M. — *Lecturer in Medicine*

FLORENCE M. CHRISTIE, B.A., M.A., School of Social Service Administration, University of Chicago
Supervisor of Field Work Unit

CAROLINE H. ELLEDGE, Ph.B., M.A., School of Social Service Administration, University of Chicago
Assistant Professor of Social Work and Supervisor of Field Work in Medical Social Work

ELLIOTT EMANUEL, B.M., B.Ch. — *Demonstrator in Psychiatry*

GLADYS L. FULFORD, M.A., Diploma, McGill School for Social Workers
Special Lecturer in Public Welfare

MARGARET GRIFFITHS, B.A., Diploma, School of Social Work, University of Toronto
Supervisor of Field Work Unit

DONALD B. HURWITZ, B.A., M.S., Western Reserve University
Special Lecturer in Public Welfare

BARBARA E. JUDKINS, B.A., M.S., New York School of Social Work, Columbia University
Assistant Professor of Social Work and Supervisor of Field Work in Psychiatric Social Work

J. K. MERGLER, B.A., B.C.L. — *Special Lecturer in Law*

JOHN J. O. MOORE, M.A., Ed.D.
Professor of Social Work and Director of the School

GENEVIEVE PEMBROKE, Chairman, Division of Voluntary Services, Canadian Welfare Council, Ottawa.
Lecturer in Public Relations

MIQUEL PRADOS Y SUCH, M.D. — *Associate Professor of Psychiatry*

F. R. SCOTT, B.A., B.Litt., B.C.L. — *Professor of Civil Law*

JOAN M. SMITH, B.A., M.S.W., School of Social Work, McGill University
Supervisor of Field Work Unit

KARL STERN, M.D.
Assistant Professor of Psychiatry

MARY STEVENSON, B.A. Diploma, School of Social Work, University of Toronto
Supervisor of Field Work Unit

MIRIAM WADDINGTON, B.A., M.S.W., School of Social Work, University of Pennsylvania
Lecturer in Social Work

CHARLES H. YOUNG, M.A., New York School of Social Work, Executive Director, Montreal Welfare Federation and Council of Social Agencies
Special Lecturer in Community Organization

EVA R. YOUNGE, M.A.
Assistant Professor of Social Work

ANNE B. ZALOHA, M.A. School of Social Service Administration, University of Chicago
Assistant Professor of Social Work and Supervisor of Field Work in Group Work

SESSIONAL INSTRUCTORS IN FIELD WORK

MISS JEAN A. ALDERWOOD, B.A.
MRS. FRANCES F. ANDERSON, M.S.S.
MISS MARGARET BOYD, B.A.
MISS MARY W. CURRIE, B.A.
MRS. JAY FRASER, B.A.
MISS EILEEN GRIFFIN, B.A.
MISS A. HENRIETTA HARVIE
MRS. CHRISTINA GOODWIN JAMES
MR. JULES LEAVITT, B A.
MISS CONSTANCE LETHBRIDGE, R.N.
MRS. ELIZABETH MACDONALD, M.S.
MISS DOROTHY E. MAY, B.A.
MR. HOWARD R. MCCARTNEY, B.S., B.D.
MISS WINNIFRED MCCUNN
MISS PATRICIA MORRISON, B.S.W.
MISS BLANCHE DE ST. CROIX
MRS. ESTHER SPECTOR, M.S.W.
MRS. RUTH TANNENBAUM, B.A.
MISS J. ELIZABETH TAYLOR, B.A.
MISS MARY TRAYES
MISS HELEN H. TUCK, B.A.
MRS. JOYCE C. TURNBULL, B.A.
MISS A. I. VAIL
MISS MIRIAM WEINER, B.A.
MR. C. A. WYLIE

CENTRES FOR FIELD INSTRUCTION

MONTREAL

Allan Memorial Institute of Psychiatry, Social Service Department: Director, Mrs. Phyllis Poland

Baron de Hirsch Institute, Family Welfare Department: Executive Director, David Weiss

Children's Aid Society: Executive Director, Eric Smit

Children's Memorial Hospital, Social Service Department: Acting Director, Mrs. Christina G. James

Department of Veterans' Affairs, Social Service Division: District Supervisor, Mrs. Gladys L. Fulford

Family Welfare Association: General Secretary, G. B. Clarke

Federation of Jewish Philanthropies: Executive Director, Donald B. Hurwitz

Griffintown Club: Executive Director, C. M. Sowery

Iverley Community Centre: Executive Secretary, Miss A. I. Vail

Jewish Child Welfare Bureau: Executive Director, David Weiss

Jewish Immigrant Aid Society: Director of Social Services, Joseph Kage

Mental Hygiene Institute: Director, Dr. Baruch Silverman

Montreal Boys' Association: Executive Director, C. A. Wylie

Montreal Council of Social Agencies: Executive Director, Charles H. Young

Montreal General Hospital, Social Service Department: Director, Miss Avis Pumphrey

Montreal Neurological Institute, Social Service Department: Director, Mrs. Josephine D. Chaisson

Negro Community Centre: Executive Director, S. A. Clyke

PROTESTANT BOARD OF SCHOOL COMMISSIONERS, Attendance Department: Chief Attendance Officer, B. H. Brown

PROTESTANT FOSTER HOME CENTRE: Executive Director, Mrs. Muriel B. McCrea

ROSEMOUNT BOYS' CLUB: Executive Director, I. K. McKenzie

ROYAL VICTORIA HOSPITAL, Social Service Department: Acting Director, Mrs. Caroline H. Elledge

ST. ANDREW'S YOUTH CENTRE: Executive Director, E. A. Cotton

UNIVERSITY SETTLEMENT: Executive Director, Howard R. McCartney

YOUNG MEN'S AND YOUNG WOMEN'S HEBREW ASSOCIATION: Director, Mordecai Kessler

YOUNG WOMEN'S CHRISTIAN ASSOCIATION: General Secretary, Miss Ann Silver

OTTAWA

CHILDREN'S AID SOCIETY: Executive Director, Clarence Halliday

McGill University
School of Social Work

GENERAL INFORMATION

In 1918 McGill University founded a School for Social Workers which was discontinued in 1932. In 1933, with the approval and cooperation of the University, an independent school, offering a two-year course to university graduates and known as the Montreal School of Social Work, was established. In October 1945, the University resumed the function of social work education and, by agreement with its Board of Trustees, the Montreal School of Social Work became the McGill School of Social Work within the Faculty of Arts and Science. Since 1939 the School has been a fully accredited member of the American Association of Schools of Social Work and as such is closely in touch with significant developments in social work education on the North American continent.

PURPOSE

The purpose of the School is to provide qualified men and women with the preparation necessary for successful practice in all branches of professional social work. This education is offered on a graduate level, in a curriculum of courses, supervised practice, and research, planned in accordance with the general policies and standards of the American Association of Schools of Social Work. Opportunities for intensive preparation for a particular field of social work are available to those who have completed successfully the broad general training of the first year, or its equivalent.

THE PROFESSION OF SOCIAL WORK

During the past few decades the services of trained social workers have been increasingly sought by both public and private social welfare agencies. The supply of such workers has never kept pace with the demand and the present shortage is gravely acute. It is obvious that the development of social security programmes and welfare schemes of many kinds, both at home and on the international level, will afford opportunities for satisfying and useful careers to men and women of good education with an interest in social problems, who equip themselves in a school of social work to render services which fall within the following general groupings:

Social Case Work, involving direct service to individuals and families, with four main subdivisions: Family Social Work, Child Welfare, Medical Social Work, and Psychiatric Social Work.

Social Group Work, designed to provide individuals with socialized experience through group activities, such as are carried on in recreation centres, social settlements, and camps.

Community Organization, concerned with the planning, organization, and development of the community to meet changing community situations and needs.

Social Administration, dealing with the administration and planning phases of social work, including supervision of other workers, teaching, and consultant services.

Research in Social Work, which, in addition to the type of research common to all social sciences, is specifically addressed to programmes, techniques, cost, efficiency, and social significance of the work of social agencies under public and private auspices.

Graduates of the School are to be found in responsible positions in the numerous private social agencies in the cities and rural areas of the Dominion as well as in the public welfare services, federal, provincial, and municipal. Increased recognition of the value of professionally trained personnel and improved salaries for all classes of social work positions in recent years indicate that well qualified graduates can look forward to fairly rapid advancement and reasonable remuneration.

RESOURCES AND EQUIPMENT

The School is an integral part of McGill and its students are able to participate fully in the varied life of a great university. In several related fields of professional study—particularly law, medicine, and psychiatry—a rich university tradition of scholarship and achievement is available to it. It has its own building providing classroom accommodation, students' common room, and a compact up-to-date social work library to which new books, documents, and pamphlets are added continuously. Students may also use the Redpath Library, the Medical Library, and special libraries in the School of Commerce, the Faculty of Law, and the Mental Hygiene Institute.

Montreal, the largest and most cosmopolitan city of Canada, affords numerous and varied community resources in both the public and private social services. The well known teaching hospitals of the city offer opportunities for medical and psychiatric social work training. Four Financial Federations and two Councils of Social Agencies afford a fertile field for

the study of community organization. Private family and child welfare agencies are well organized and offer diversified field experience. The usual Federal and Provincial Government local administrative offices, such as the National Employment Service, Unemployment Insurance Commission, Workmen's Compensation Board, Old Age Pensions Board, Mothers' Allowance Commission, etc., are available for study.

DEGREES

The degree of Master of Social Work (M.S.W.) is awarded to students who complete the two-year course in accordance with the regulations of the Faculty of Graduate Studies and Research. The degree of Bachelor of Social Work (B.S.W.) may be gained upon satisfactory completion of the requirements of the first year.

Graduates of the Montreal School of Social Work, who wish to meet requirements of the M.S.W. degree, should apply in the first instance to the Director at the School. Applications from Diploma holders for advanced standing will not be considered after June 30, 1950.

ADMISSION REQUIREMENTS

1. DEGREE STUDENTS

Applicants must meet the following requirements:

(a) Graduation with a bachelor's degree from a university or college of recognized standing, with satisfactory completion of at least one introductory course in three of the four following subjects: psychology, sociology, economics, political science. Competence should be demonstrated in one of these four fields by the completion of at least two further courses therein. (A student holding a bachelor's degree who must remove a deficiency in the social sciences will be advised what procedure to adopt.)

(b) Good health as certified by a physician.

(c) Personal qualifications which in the opinion of the School appear to warrant expectation of success in social work.

(d) Age between 21 and 35 years except in special circumstances.

2. LIMITED DEGREE STUDENTS

Applicants employed in social work who meet the above admission requirements may take a limited number of courses in each session. Credit may be given for these courses but no student may qualify for a degree without a session of full time resident study.

3. PARTIAL STUDENTS

A limited number of mature persons who are not university graduates, but whose general background and experience in social work suggest ability to profit by work in the School, may be accepted as special students at the discretion of the Committee on Admissions and Standing. Such students may be required to register in certain undergraduate courses of the Faculty of Arts and Science. A statement of standing for courses taken under examination may be obtained on request, but credit is not given towards a degree.

ADVANCED STANDING

Courses: Students desiring to secure credit towards a degree for courses taken in other universities or schools of social work must submit official records with any applications for such credit. Each case will be dealt with on its merits.

Field Work: In certain circumstances students may be given credit for field work undertaken prior to registration in the School. In no case will the amount of such credit be determined until the School has had an opportunity of observing the student's performance in the field.

Decisions involving questions of advanced standing will be made by the Committee on Admissions and Standing.

APPLICATION AND REGISTRATION

Application for admission to the *School* is made on forms which may be obtained from the School of Social Work, McGill University. Applicants who are not McGill graduates must submit a certified copy of their academic record beyond high school. Since enrolment is limited and the admissions policy is selective, intending students are advised to apply by June 1st in the year during which they desire to enter the School. Early applications will receive preferential consideration. A personal interview is arranged whenever possible.

Application for admission to *candidacy for the Master of Social Work degree* (second year students) must be submitted to the Faculty of Graduate Studies and Research on the required forms not later than September 16th.

Registration: Students in the School of Social Work will register at the office of the School, 3600 University Street, on or before Thursday, September 28th.

All students are admitted on probation. A student may be asked to withdraw if careful review of his progress suggests this to be advisable.

Students taking a full programme of courses in any term usually cannot expect to do the work of the School satisfactorily unless they give their full time to it.

PLAN OF STUDY—

FIRST YEAR PROGRAMME

Requirements for the Bachelor of Social Work Degree (B.S.W.)

Basic courses in the following subjects are required of all candidates:

SOCIAL CASE WORK
SOCIAL GROUP WORK
MEDICAL INFORMATION
PSYCHIATRIC INFORMATION
COMMUNITY ORGANIZATION
PUBLIC WELFARE
SOCIAL RESEARCH
FIELD WORK

The programme of first year students is largely prescribed.

Requirements for the Bachelor's degree will be met by:

1. Completion of the equivalent of five "full courses" in the above list.

2. Supervised practice (a) two days per week, October-May, (b) daily for six weeks during May and June.

SECOND YEAR PROGRAMME

Requirements for the Master of Social Work Degree (M.S.W.)

Admission to candidacy for the Master's degree will be restricted to those students who have obtained at least second class standing in the B.S.W. course or its equivalent and standing satisfactory to the Faculty of Graduate Studies and Research in the preceding undergraduate work.

In the M.S.W. curriculum the general rules and standards of the Faculty of Graduate Studies and Research will apply; the pass mark in all courses will be 65 per cent, and a thesis satisfactory to internal and external examiners will be required; permission to write supplemental examinations or to repeat courses will be granted only when the School recommends and the Dean of the Faculty of Graduate Studies and Research approves.

In the second year the student may elect to broaden and deepen his general preparation for the practice of social work or to concentrate his studies, to some extent, in a particular field of his choice.

At present the School prepares students for practice in the following fields:

FAMILY CASE WORK
CHILD WELFARE
MEDICAL SOCIAL WORK
PSYCHIATRIC SOCIAL WORK
COMMUNITY ORGANIZATION
PUBLIC WELFARE
SOCIAL GROUP WORK
SOCIAL RESEARCH
SOCIAL ADMINISTRATION

The degree requirements are:

1. Completion of the first year programme.
2. The equivalent of four additional "full courses".
3. Supervised practice.
4. Thesis.

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

(a) FULL-TIME STUDENTS

Fees for the Session:

University Fee	$275.00
Students' Society Fee	15.00

Full-time students who are registered in the Faculty of Graduate Studies and Research pay a University fee of $200.00 and a student activities fee of $5.00.

(b) LIMITED AND PARTIAL STUDENTS

Fee for one full course (two terms)	$72.00
Fee for one half course (one term)	36.00
Student activities fee for limited students and partial students taking less than three courses	5.00

When fees are paid by instalments, an instalment fee of $5.00 is charged. Special fees and penalties, and the regulations regarding payment and remission of fees, are listed in the General Information pamphlet included with this Announcement.

(c) OTHER FEES

A candidate for the Master's degree, who has completed his courses and his residence but has not completed his thesis, must pay a registration fee of $10.00 at the beginning of the session in which he intends to submit the thesis. Any student receiving thesis supervision from a member of the staff is considered to be in residence and must register for the session and pay a fee of $25.00.

BURSARIES AND LOANS

A number of bursaries are available for the Session 1950-51.

Substantial financial assistance may be given under the Federal-Provincial Health Grants to students desiring to qualify in psychiatric and medical social work.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

The Alumni Society of the School has established a Loan Fund for the use of students.

DESCRIPTION OF COURSES

1. SOCIAL CASE WORK I. First Year (Full course). Principles and methods used in helping individuals and families meet personal and social needs through social agency resources. Significance of behaviour, evaluation of social data, process in interviewing, recording, and the professional relationship are considered. Illustrative case material and the field experience of class members will be used.

Professor Aikin

1a. SOCIAL CASE WORK Ia. First Year (Half course). A survey of principles and methods in social case work as a basic approach in social work. The relation of social case work to social group work. Case material is used.

For students not majoring in social case work.

First term *Professor Aikin*

2. SOCIAL CASE WORK WITH CHILDREN. Second Year (Half course). The case work process in care and protection of children. Special needs of children living with natural parents, in foster homes, and in group settings.

First term

3. ADVANCED SOCIAL CASE WORK. Second Year (Full course). A discussion course in which emphasis is placed upon the application of psychiatric theory to case work practice.

Prerequisites: Courses 1, 4. *Professor Judkins*

4. PSYCHIATRIC INFORMATION I. First Year (Full course). Dynamics of personality; the biological, intellectual, emotional and social determinants of human behaviour. Emphasis will be on the normal personality growth and deviations in behaviour from birth to old age.

Dr. Emanuel

5. PSYCHIATRIC INFORMATION II. Second Year (Half course). A discussion of clinical cases focused on the dynamics of behaviour in the neuroses and in the organic and functional psychoses. Etiological factors, examination methods, and treatment procedures. The contribution of the various schools of psychiatric thought to social work. Class work supplemented by clinical observations.

First term *Professor Stern*

6. SOCIAL GROUP WORK I. First Year (Half course). A survey of principles and methods in group work as a basic approach in social work. Description and analysis of agencies and types of organizations in which group relations and group process are emphasized. The course includes the discussion of the relation of group work to other types of social work, particularly case work.

For students not majoring in group work.

First term *Professor Zaloha*

7. SOCIAL GROUP WORK II. First Year (Full course). A study of the theories and principles of group work practice. The nature of the social process in organized groups and its value to the individual; group experience at varying age levels; the use of play and other media in relation to the needs and adjustment of the individual; the role of the leader in group work. A discussion of group situations based on group records. An analysis of agencies and their programmes. The interrelation of group work and other fields of social work.

Professor Zaloha

8. SOCIAL GROUP WORK IIa. First Year (Full course). A course required in connection with Social Group Work II. Planned to develop skill and understanding in the use of programme activities designed to meet the needs of individuals and ability to direct such activities to socially desirable ends. Consideration will be given to the fundamentals of rhythm and music, traditional games, folk dancing, arts and crafts, dramatics, and their adaptation to groups of various ages and types.

Professor Zaloha

9. SOCIAL GROUP WORK III. Second Year (Full course). An advanced course dealing with organization and leadership of various types of groups and the relation of these groups to the agency and community. Analysis

of group records; agency functions in relation to leadership for staff, volunteers, and community; administrative and advisory aspects of group work.

Prerequisites: Courses 7, 8.

Professor Zaloha

10. SOCIAL GROUP WORK IIIa. Second Year (Full course). A continuation of social Group Work IIa with additional emphasis on skill in the directing and leading of group activities in special situations.

To be taken concurrently with Course 9.

Professor Zaloha

11. COMMUNITY ORGANIZATION I. First Year (Half course). A study of methods of community organization. The establishment of constructive relationships between social work organizations and other forces in the community. Discussions of relationships between public and private, local, provincial, and national social agencies. Organization and problems of councils of social agencies, financial federations, etc.

Second term

12. COMMUNITY ORGANIZATION II. Second Year (Half course). An advanced course in problems and techniques of community organization.

First term

13. ADMINISTRATION OF SOCIAL AGENCIES. Second Year (Half course). The administrative process within the social agency; functions and interrelationships of board of directors, executive, and staff. Committees. Financial administration and budgeting; office management, etc.

Second term

14. GOVERNMENT AND SOCIAL WORK. First Year (Half course). The Canadian nation; land, resources, population. Economic development. Political institutions and administrative structure. Distribution of welfare functions among national, provincial, and municipal authorities. Constitutional problems and remedies proposed. Public finance and taxation.

First term *Professor Scott*

15. PUBLIC WELFARE I—THE SOCIAL SERVICES. First Year (Full course). A survey course, designed primarily for first year students. Historical background of modern social services both public and private. Analysis of major social problems today, and of the services developed to meet them. Examination of policies in such areas as public assistance, social insurance, child welfare, correction, medical care, and other health services. Interrelationships between public and private social services. Administration framework in relationship to plans for social security.

16. PUBLIC WELFARE II (a)—CHILD WELFARE. Second Year. (Half course). Historical development of child welfare services in England, United States and Canada. Interrelationships between public and private services. Examination of existing child welfare legislation with particular reference to the care of neglected and dependent children. Problems of organization and administration.

First term

17. PUBLIC WELFARE II(b)—SOCIAL INSURANCE. Second Year (Half course). Historical background and development. Examination of social insurance systems today. Problems of administration. Relationship to public assistance and social agencies. Problems of integration with public assistance programme.

Second term

18. PUBLIC WELFARE II(c)—PUBLIC ASSISTANCE. Second Year (Half course). Examination of essentials in a modern public assistance programme. Categorical aid. Relationship to health services and to private social agencies. Problems of organization and administration. Problems of integration with social insurance.

First term

19. PUBLIC WELFARE II(d)—PUBLIC WELFARE ORGANIZATION AND ADMINISTRATION. Second Year (Half course). Examination of principles of public administration in a public welfare setting. Structure of major Canadian public welfare organizations. Problems of reorganization. Administrative process.

Second term

20. MEDICAL INFORMATION I. First Year (Half course). Basic medical information concerning maintenance of health and treatment of acute illness, chronic diseases, and permanent physical impairment from infancy through adult life. Discussion of environmental and social factors influencing the restoration of the individual.

First term *Dr. Brabander, Professor Elledge, and medical lecturers*

21. MEDICAL INFORMATION II. First or Second Year (Half course). Further consideration of the rehabilitation problems of adults and children in relation to selected disease entities.

Second term *Dr. Brabander, Professor Elledge, and medical lecturers*

22. MEDICAL SOCIAL WORK. Second Year (Full course). A course designed to meet the needs of second year students who wish to specialize in medical social case work.

First term: The practice of social case work in the medical setting.

Second term: Organization of hospital social service departments; social implications of various administrative services within the hospital; participation of the medical social worker in medical and nursing education; function of the medical social worker in extramural programmes for health and medical care; growth and development of medical social work.

Professor Elledge

23. NUTRITION AND COST OF LIVING. Second Year (Half course). Elements of nutrition. Essentials of an adequate diet with special reference to the properties of the commoner food materials and their cost. Some consideration of cost of living standards at the health and decency level.

Not given in 1950-51 session.

24. LEGAL ASPECTS OF SOCIAL WORK. Second Year (Half course). The essential principles of law and their relation to problems encountered by social workers in the performance of their duties.

First term *Mr. Mergler*

Not given in 1950-51 session.

25. PUBLIC RELATIONS. Second Year (Half course). A study of the interpretation of social work to the public. Publicity, methods and media. The role of the volunteer. Students participate in preparation of material for newspaper publication, radio, reports, etc.

First term *Mrs. Pembroke*

26. HISTORY OF SOCIAL WORK. Second Year (Half course). Social work seen in perspective through a study of charity, law, the industrial revolution, and subsequent nineteenth century social movements. Persons and processes active in the antecedents, origins, and development of social work are observed in relation to the social history and thought of their respective periods.

To be arranged.

27. SOCIAL RESEARCH METHODS I. First Year (Half course). An introduction to the fundamental principles of research in the field of social work and allied social investigation.

Second term *Professor Younge*

28. SOCIAL RESEARCH METHODS II. Second Year (Half course). Elementary statistical methods as applied to social problems. The assembly of materials, selected statistical techniques, and presentation of descriptive tables and simple graphs. The interpretation of census and other official statistics relating to family living, vital statistics, and dependency problems in Canada.

First term *Professor Younge*

29. RESEARCH SEMINAR. Second Year (Half course). Individual and group conferences dealing with student theses.

Second term *Professor Younge*

30. SEMINAR IN SOCIAL WORK. Second Year (Half course). A discussion course presenting typical problems encountered in various fields of social work.

To be arranged. *Members of the Staff*

31. INTRODUCTION TO SUPERVISION IN SOCIAL CASE WORK (Half course). A discussion of basic concepts implicit in supervision as an administrative and teaching process. Open to students who are having or who have had experience as supervisors.

Professor Aikin

32. SEMINAR IN SUPERVISION IN SOCIAL CASE WORK (Half course). An advanced course. Supervised practice may be arranged concurrently.

Prerequisite: Course 31 or substantial supervisory experience.

Professor Aikin

FACULTY OF GRADUATE STUDIES AND RESEARCH

Related courses in the Faculty of Graduate Studies and Research may be used, with permission, to meet the special interests of students possessing the necessary prerequisites.

EXTENSION COURSES

1950-51

In cooperation with the Extension Department, the following courses may be offered.

For Professional Social Workers:

(1) Medical Social Factors in Co-operative Case Work.

(2) Seminar in Psychiatry.

For Volunteers and Professional Workers:

(1) Discussion Methods.

(2) Cultural Backgrounds.

(3) Labour Problems.

(4) Pioneers in Social Work.

(5) International Aspects of Social Legislation.

A leaflet giving particulars of extension courses will be available after October 15th, 1950.

McGill University

Montreal

School of Physiotherapy

Beatty Memorial Hall

1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

SCHOOL OF PHYSIOTHERAPY

IN THE FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. — *Vice-Principal*

G. Lyman Duff, B.Sc., M.A., M.D., Ph.D. (Tor.), F.R.S.C. — *Dean of the Faculty of Medicine*

Guy H. Fisk, B.A., M.D., C.M., D.T.M. & H. (Eng.) — *Director of the School*

Miss Helen M. Nicholson — *Lecturer and Assistant Director*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. — *Bursar*

T. H. Matthews, M.A. (Oxon.) — *Registrar*

A complete list of the teaching staff of the University, including the School of Physiotherapy, is printed as a separate announcement, which may be obtained from the Registrar's Office.

SCHOOL OF PHYSIOTHERAPY OFFICE

BEATTY MEMORIAL HALL

1266 Pine Avenue West,

Montreal 2

Telephone — MA 9181.

GENERAL INFORMATION

The aim of the course in Physiotherapy is to provide a supply of adequately trained graduates who will be qualified to work as Physiotherapists in hospitals, institutions, and private homes.

Physiotherapy is the use of heat, light, water, electricity, and mechanical agents, including massage and remedial gymnastics, in the treatment of injury and disease. Physiotherapists are trained in the use of these healing agents under the direction of a physician, such treatments being prescribed by the physician and carried out according to prescription.

There is a steadily growing demand for qualified Physiotherapists in both civilian life and the armed services. In the armed forces Physiotherapy sisters are given the same rank and commission as a nurse. In civilian life they work in hospitals, industries, clinics, and in private homes under the direction of doctors. It is a profession for women.

The curriculum consists of three academic years at the University. Throughout the course ample provision has been made for practical hospital instruction in addition to the University training. This hospital training is carried out at the Children's Memorial Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Verdun Protestant Hospital, and the Royal Edward Laurentian Hospital, in the wards and Departments of Physical Medicine.

Upon completion of the entire course satisfactorily, a Diploma of Physiotherapy is granted by the University.

Graduates of this University are accepted for registration by the Canadian Physiotherapy Association. The Canadian Physiotherapy Association is a federal association which through its membership maintains a registry of certified Physiotherapists throughout Canada. All the hospitals in Canada, England, and the United States recognize membership in this Association as evidence of good professional standing in Physiotherapy.

ADMISSION

Women students only are admitted to the course.

ACADEMIC REQUIREMENTS

Senior Matriculation or one year of college work is required for entrance. Candidates for admission must submit certificates to show that they have Senior Matriculation standing in the University's School Certificate

Examination or some other examination recognized by the University as equivalent. It is recommended that intending candidates take Physics and some other science.

Candidates wishing to know whether they have the academic qualifications for admission to the course should send complete details of their school and college work to:

Dr. Guy H. Fisk
Director, McGill School of Physiotherapy,
Room 41, 1266 Pine Avenue West,
Montreal 2.

PHYSICAL REQUIREMENTS

Candidates, in order to qualify for admission, must satisfactorily pass a complete physical examination.

REGISTRATION

Registration will take place on Wednesday, September 27th and on Thursday, September 28th in the Registrar's Office.

FEES

The fees are $275.00 per annum. In addition, students pay $15.00 for the support of the student organizations. Fees are due and payable at the Accounting Office during the hours of 9 a.m. to 4 p.m., on Registration Days. If desired, fees may be remitted by mail on or before the due dates. They may be paid in two instalments, in which case there is a charge of $5.00. The second instalment is due on or before February 1st. When fees are paid in two instalments, half the total fee is payable with each instalment.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

Supplemental examination fees are $10.00 for each paper.

Penalty for late payment of fees..... $2.00

PRIZES

The Lieutenant Governor's Silver Medal is awarded to the student with the highest standing throughout the course.

The Canadian Physiotherapy Association presents a Book Prize annually to the student with the highest standing in the Second Year.

The Dr. F. G. Finley Book Prize is presented annually to the student with the highest standing in the First Year.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

COURSES OF INSTRUCTION

FIRST YEAR

ANATOMY 1P—The Anatomy of the Limbs, Skeleton, and Muscles of the Trunk. *Professor C. P. Martin*
Professor S. M. Friedman
Dr. E. Walter Workman

A course designed to familiarize the student with the basic framework of the body.

Lectures and Laboratory.....150 hours

PHYSICS 11 or 12 *Professor E. R. Pounder and others*

A general course covering the elementary portions of mechanics, heat, magnetism, electricity, light, sound, and atomic physics.

Lectures and Laboratory.....150 hours

CHEMISTRY 11 *Professor W. H. Hatcher*

General survey of chemical theory and of inorganic chemistry including atomic and kinetic theories, equivalent, atomic and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periodic table, preparation and properties of important elements and compounds.

Lectures and Laboratory.....150 hours

FUNDAMENTAL AND RHYTHMIC GYMNASTICS — *Professor Thelma Wagner*

Fundamental Gymnastics: stressing basic body conditioning; developing strength; flexibility and co-ordination.

Rhythmic Gymnastics: also a development of general bodily skill as in fundamental gymnastics, but stressing more the response to music and exercises on the move.

Lectures ..... 60 hours

MEDICAL GYMNASTICS 1—Theory and Practice of Exercises as Utilized in the Treatment of Disease. — *Miss Sheila S. Riddel*

An elementary course on the theory and practice of medical gymnastics as used in the treatment of various diseases and injuries. Stress will be laid on the differentiation of exercises suitable to various types of illness.

Lectures ..... 90 hours

CLINICAL THERAPEUTICS 1 — *Dr. Fisk*

A brief consideration of the disease processes commonly seen in patients treated by physiotherapists.

Lectures ..... 30 hours

ELECTROTHERAPY 1 — *Miss Nicholson*

A discussion of the currents used in medical diagnosis and treatment.
Lectures and Practical Work ..... 60 hours

MASSAGE 1—Theory and Practice. — *Miss Nicholson*

The physiological effects of massage on the various systems of the body and its technique of administration with suitable practice on the human body.

Lectures ..... 150 hours

PSYCHIATRY — *Dr. L. G. Hisey*

An introductory course in Psychiatry providing a basis for the understanding of the normal and abnormal workings of the human mind. Particular attention is given to the workings of the mind of the sick individual.

Lectures ..... 30 hours

HOSPITAL AND HOME NURSING — *Miss Mary S. Mathewson*

A course designed to provide a practical insight into the general principles governing the management of common injuries, the most effective first aid procedures and nursing technique adapted particularly for use in the home, the simpler hospital procedures in nursing and the proper isolation and aseptic techniques as practiced in the wards of the hospitals.

Lectures and Laboratory.....120 hours

SECOND YEAR

PHYSIOLOGY 1 — *Professor Kathleen G. Terroux*

The special physiology of posture and muscular motion and exercises, the nervous and circulatory systems—a consideration of the physiological bases for procedures in Physiotherapy.

Lectures and Laboratory.....150 hours

ANATOMY 2P—Special Anatomy. — *Professor C. P. Martin*, *Professor S. M. Friedman*

Lectures and demonstrations designed to provide a more intimate knowledge of the anatomical structure and functions of the bones and joints and the muscular, cardiovascular, nervous, and respiratory systems.

Lectures and Laboratory.....120 hours

CLINICAL THERAPEUTICS 2 — *Dr. Fisk and Staff*

A detailed consideration of the diseases and injuries that require physiotherapeutic treatment. The application of treatment to specific symptoms will be dealt with in detail.

Lectures.....60 hours

MEDICAL GYMNASTICS 2 — *Miss Sheila S. Riddel*

An advanced course on the theory and practice of medical gymnastics in the treatment of the diseased and injured individuals.

Lectures.....90 hours

PRINCIPLES OF GYMNASTICS — *Professor S. Iveagh Munro*, *Professor Thelma Wagner*

A study of terminology of various types of gymnastics without music, of exercises suitable for various ages and types of classes, organization of lessons and courses, practice in presenting exercises.

Lectures.....30 hours

MASSAGE 2—Theory and Practice. *Miss Nicholson*

An advanced course dealing with the effects of massage on diseased tissue, its psychological effects, and its general application to the sick person.

Lectures.....120 hours

ELECTROTHERAPY 2 *Miss Nicholson*

A course on the physiological effect of the various electrical currents used in the treatment of sick people with the technique of their application and a consideration of the dangers and contra-indications.

Lectures.....60 hours

PHYSICS 26—The Physics of Physiotherapy. *Professor Anna I. McPherson*

A short course dealing particularly with the physics underlying the theory and use of physiotherapeutic apparatus.

Lectures.....30 hours

HOSPITAL PRACTICE 4 mornings a week

This consists of actual practice on patients in the clinics and wards under direct supervision. The work is carried out in the Children's Memorial, Montreal General, Royal Victoria, and Verdun Protestant Hospitals. These hospitals provide a wide variety of cases, embracing every type that the practising physiotherapist will be likely to encounter. As Montreal is a centre drawing patients from many outlying districts, there are also opportunities of seeing many rare conditions during the hospital practice.

Besides learning the practical side of the work at the hospital, the student is instructed in hospital routine and the correct approach to the patient. At the end of her hospital experience the student will be sufficiently experienced to deal with any situation she may be called upon to face in her practical work.

THIRD YEAR

This year is essentially a hospital year with the students spending 480 hours in hospital practice. The time is divided among the Montreal General Hospital, the Royal Victoria Hospital, and the Children's Memorial Hospital, where, in addition to carrying out more advanced treatments, they receive instruction in Orthopaedic and Neurological Surgical Appliances and the application of plaster of Paris splints and supports. In addition, hospital work will be undertaken at the Verdun Protestant Hospital for psychiatric patients, and the Royal Edward Laurentian Hospital for surgical tuberculosis.

Students will be expected to concentrate for a four week period during the session on one of the following:

1. Neurological Conditions
2. Orthopaedics
3. Obstetrics
4. Paediatrics
5. Medical and Sirgical Chest Conditions
6. Arthritics

ADVANCED PHYSIOTHERAPY TREATMENTS — *Miss Nicholson*

Detailed instruction in the more difficult cases.

Lectures.....90 hours

ADVANCED ELECTROTHERAPY — *Miss Nicholson*

Practical applications of the newer techniques in electrical treatment.

Lectures.....30 hours

CLINICAL THERAPEUTICS 3 — *Dr. Fisk*

Review of the more important conditions treated by physiotherapy.

Lectures.....30 hours

McGill University

Montreal

Department of University Extension

Evening Courses 1930-1931

McGill University

Montreal

Department of University Extension

Evening Courses 1950-1951

McGill University

Montreal

Department of University Extension

Evening Courses 1950-1951

FOREWORD

The Evening Course Program of the Department of University Extension is designed to meet the continuing educational needs and interests of Montreal people.

Last session more than 5,000 persons took advantage of the educational opportunities thus offered. It is confidently expected that a still larger number will enrol for the courses this session.

Nearly all of our evening courses are at university level; a few are of graduate standard. An examination will be set at the end of the majority of the courses and certificates of proficiency will be awarded to successful candidates.

May I, on behalf of the University Extension Committee, invite your enquiries and welcome you to our classes for the 1950-51 Session.

F. S. Howes, Ph.D., P.Eng.
Director of University Extension.

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GENERAL INFORMATION

REGISTRATION.—In order to expedite and facilitate the registration of the approximately 5,000 evening-course students expected this session, we have arranged for registration by mail, starting September 11th.

If at all possible please use the attached card, fill in all four sections, and mail it NOW, with your cheque or money order (payable to McGill University), to the Extension Office.

ALL of the information asked for on the card—your address, telephone numbers, employer, educational background, etc.—is important to us in conducting the program and in planning for future courses. We would appreciate your co-operation.

Although registration by mail is advisable, students may register at the University during the day or evening, as follows:

Day Registration: *Third Floor*, Dawson Hall (East Wing, Arts Building), 9 a.m. to 4 p.m., Monday to Friday inclusive, September 26th to October 23rd.

Evening Registration: *First Floor*, Dawson Hall, 6:30 to 8 p.m., Tuesdays and Thursdays *only*, September 26th to October 12th; Monday to Friday inclusive, October 16th to 20th; and Monday, October 23rd.

LIMITED CLASSES.—In some of the courses as, for example, language classes, in which the progress of the student is dependent on his participation and the individual attention of the instructor, the size of the class is limited. In such cases, enrolment is on a "first come, first served" basis. It is advisable, therefore, to register early.

FEES.—The fee as indicated for each course is payable in advance, at time of registration. If, after the first lecture, you find that the course seems unlikely to meet your needs, a refund of the whole fee may be obtained by presenting your Student card, first at the Extension office, for recording purposes, and then at the Cashier's office on the third floor. The Cashier's office is open from 9 a.m. to 4 p.m. *No refunds will be made after the second lecture.* If refund by mail is desired, the Student card must reach the Extension office *before the second lecture* and three weeks be allowed by the student for receipt of refund cheque.

CANCELLATION OF COURSES.—The student fee charged for these evening courses is essentially what it costs to put them on, assuming a certain minimum registration. If the registration in a course is less than the required minimum, the Committee reserves the right to cancel the course and refund fees.

If you are particularly anxious to take a course, may we suggest that you seek to interest your friends in it in order to ensure that at least this minimum registration is obtained.

EXAMINATIONS.—An examination, optional to students, will be available in the majority of courses. A certificate will be supplied to successful candidates.

TEXT BOOKS.—All required text books and some of the suggested reference texts may be purchased at The McGill University Book Store, 3480 University Street.

The store is open, Monday to Friday, from 8:45 a.m. to 4 p.m., and on Saturday from 8:45 to 11:30 a.m. During the period October 10th to 24th inclusive, it will also be open, Monday to Friday, from 6 to 8 p.m.

It is suggested that language-course students defer purchase of text books until *after* their first lecture. This would not apply to students entering elementary classes to begin the study of a language.

LOCATION OF EXTENSION OFFICE.—The Extension Office may be reached via the main entrance to the Arts Building and thence to Dawson Hall, which comprises the entire East Wing of the Arts Building; or by using the outside entrance to Dawson Hall. The office is in Room 450, on the fourth floor.

TELEPHONE

MA 9181, Local 304

DESCRIPTION OF COURSES

ART

DRAWING AND PAINTING FOR PLEASURE, ELEMENTARY (non-professional). Fee: $25.00 per term of 10 periods of 2 hours. Classes limited. Applicants must indicate clearly, when registering, the class they wish to take.

Neither talent nor previous experience is required for these classes, which are intended for adults who desire an outlet through art as a hobby or leisure-time pursuit. Experience will be acquired in drawing in pencil, chalk, charcoal and ink, and painting in oil from the living model as well as from inanimate subjects and the imagination. The course is not one of formal instruction; therefore each person is encouraged to approach the artistic problem with the degree of artistic insight he has, and develop this as far as he is able. All materials will be supplied with the exception of brushes. The studio is located at 3450 Drummond Street.

A1-1. *Instructor:* Mr. William Armstrong.

Time: First term, Thursdays, 8 p.m., beginning October 12th.

A1-2. *Instructor:* Mr. William Armstrong.

Time: Second term, Thursdays, 8 p.m., beginning January 4th, 1951.

A1-3. *Instructor:* Miss Mary H. Filer.

Time: First term, Mondays, 8 p.m., beginning October 16th.

A1-4. *Instructor:* Miss Mary H. Filer.

Time: Second term, Mondays, 8 p.m., beginning January 8th, 1951.

DRAWING AND PAINTING FOR PLEASURE, ADVANCED (non-professional). Fee: $25.00 per term of 10 periods of 2 hours. Classes limited. Applicants must indicate clearly, when registering, the class they wish to take.

This course is similar to the elementary course and is a continuation of it. Applicants must have had some introductory non-professional classes, at McGill or elsewhere. All materials will be supplied with the exception of brushes. The studio is located at 3450 Drummond Street.

A1-5. *Instructor:* Mr. William Armstrong.

Time: First term, Tuesdays, 8 p.m., beginning October 10th.

A1-6. *Instructor:* Miss Mary H. Filer.

Time: Second term, Tuesdays, 8 p.m., beginning January 9th, 1951.

A1-7. ART IN HUMAN AFFAIRS. (In cooperation with the Montreal Museum of Fine Arts.) 10 lectures of 1½ hours. Fee $12.00.

A series of illustrated lectures dealing with the story of the origins and development of the arts of Painting, Design and Sculpture, and of the crafts in the story of mankind from early periods to modern times. The course is historical in its sweep but definitely integrated with the life and needs of today.

Lecturer: Professor Arthur Lismer.

Place: Montreal Museum of Fine Arts, Ontario Avenue entrance.

Time: Thursdays, 8 p.m., beginning October 12th.

ARCHITECTURE

A2-1. MODERN ARCHITECTURE — A SURVEY. 10 lectures of 2 hours.

This fully illustrated series is designed to give Montrealers an opportunity of studying and discussing the new and exciting style of architecture which has developed in many countries during the last quarter century and is now beginning to influence Canadian building. The lectures will examine the development of modern architecture in the western world and will show that the style is, in fact, an expression of Twentieth Century ways of living.

A popular survey course, intended to stimulate a greater awareness of the virtues and shortcomings of our surroundings, this course will cover new designs in houses, offices and factories and, to keep the subject close to home, lantern slides will illustrate Montreal buildings as well as contemporary work elsewhere. *Text:* J. M. Richards, *Introduction to Modern Architecture.* (Pelican.)

Lecturer: Mr. H. E. Sise.

Place: School of Architecture, 3484 University Street.

Time: Tuesdays, 8 p.m., beginning in January, 1951.

ACCOUNTING

A3-1. PRINCIPLES OF ACCOUNTING AND COST DETERMINATION. 20 lectures of 1 hour. Fee $20.00.

Syllabus: The meaning of accounting and its essential functions and scope; the relation of accounting to other fields, with particular reference to economics. The financial picture of business enterprises as revealed by the accountant ; analysis and interpretation of profit and loss or income statements and balance sheets; use of comparative statements to reveal business trends; preparation of statements of source and application of funds.

Methods of financing capital requirements; the measurement of profits by accounting; important limiting considerations with particular reference to provision for depreciation and the valuation of inventories; limitations of accounting in relation to changing money values. Principles of cost accounting and its relation to general accounting; consideration of the elements of cost, materials, labour and overhead expenses, and their control; essential principles of standard costing and budgetary control; uniform costing and important trends of the present day. *Text:* R. L. Boyd and R. T. Dickey, *Basic Accounting* (Rinehart).

Lecturer: Prof. Kenneth F. Byrd.

Place: Arts Building.

Time: Wednesdays, 6 p.m., beginning October 11th.

AGRICULTURE

A6-1. THE ECONOMICS AND POLITICS OF CANADIAN AGRICULTURE. 10 lectures of 1½ hours. Fee $15.00.

Syllabus: Canada's capital and national income; agriculture's contribution to the national income; economic geography of Canadian agriculture; conditions necessary for economic progress in agriculture; unequal growth of the supply of, and demand for, farm products; agricultural-industrial relationships in the Canadian economy; agricultural efficiency and the farm income problem; historical survey of Canadian agriculture as a political force; rural-urban balance of power in the House of Commons; agriculture's place in the Canadian budget; concern with taxation and monetary policy; agriculture in international trade; a positive economic and political programme for Canadian agriculture.

Lecturer: Professor David L. MacFarlane.

Place: Biological Building.

Time: Mondays, 7 p.m., beginning October 16th.

A6-2 WOODLOT FORESTRY. 10 lectures of 1 hour. Fee $10.00.

In this course dealing with the problems of woodlot forestry, particular emphasis will be placed on proper conservation and utilization practices. The course should be of value to owners of woodlots and others interested in the fundamentals of sound forestry.

Syllabus: Importance of forestry to Canada and of farm woodlots; general nature and scope of forestry. Forest Botany: botanical classification of trees; tree physiology and breeding. Forest Growth Factors: climate; soil; influence of geography; interrelationship of growth factors. Forest Stand Treatment: clearing, thinning, girdling and pruning. Cutting Methods: destructive cutting; clearcutting; seed-tree; shelterwood; selection cutting; comparison between harvest and reproduction

cutting methods. Artificial Reforestation: nursery, seeding, planting and soil treatment. Measurement of Trees: form of trees; volume and growth determination; stand and yield tables; surveys. Forest Protection: fires, disease, insects, grazing. Logging: cutting, skidding, hauling, driving and scaling. Forest Management: general; taxation; annual cut; sustained yield. *Text:* A. Koroleff, *Practical Woodlot Management* (Canadian Forestry Association, Montreal, 1948).

Lecturer: Mr. Leif Holt.

Place: Biological Building.

Time: Mondays, 8 p.m., beginning October 16th.

BUSINESS

B2-1. ADVERTISING. (In cooperation with the Advertising and Sales Executives Club of Montreal.) 16 lectures of 1½ hours. Fee $18.00. Special announcement on request.

Lecturers: Mr. John W. Teale and others.

Place: Chemistry Building.

Time: Wednesdays, 8 p.m., beginning October 18th.

B2-2. SALESMANSHIP. (In cooperation with the Advertising and Sales Executives Club of Montreal.) 10 lectures of 2 hours. Fee $23.00, including text book. Special announcement on request.

Lecturer: Mr. Raymond J. Parent.

Place: Arts Building.

Time: Fridays, 8 p.m., beginning October 11th.

CLASSICS

C1-1. GREEK LITERATURE IN TRANSLATION. 15 lectures of 1½ hours. Fee $15.00. A course dealing with the works of the most important of the Classical Greek authors, from Homer to Lucian. The lecturer will be able to supply many of the translations recommended for reading, and to suggest where cheap editions of others may be procured.

Lecturer: Dr. W. D. Woodhead.

Place: Arts Building.

Time: Tuesdays, 8 p.m., beginning October 10th.

ECONOMICS AND POLITICAL SCIENCE

E1-1. INDUSTRIAL CHANGE : AN HISTORICAL APPROACH. 20 lectures of 2 hours. Fee $30.00.

In this course, attention is centred on some of the forces which help to explain major changes in economic and social organization. The approach to this study is historical. Accordingly, the first group of lectures will be devoted to the agricultural and industrial revolutions in Great Britain. The development of factories, railways, joint stock companies, and the money market will receive special attention.

The second section of the course will consist of an outline of the economic growth of the United States and Canada, viewed as a study in the spread of the Industrial Revolution to the New World. This group of lectures will include an account of early economic activities along the Atlantic seaboard, the spread of population over the continent, and a comparison of twentieth century manufacturing industry in Canada and the United States.

In the final four or five meetings, interest will shift to contemporary change and the problems of population trends, location of industry, new transportation and power developments, and agriculture problems. The forces making for change in our society and their relationship to developments of the last two hundred years will be discussed.

Lecturer: Mr. J. H. Dales.

Place: Arts Building.

Time: Thursdays, 6 p.m., beginning October 12th.

E1-2. GENERAL ECONOMICS. 20 lectures of 2 hours. Fee $30.00.

Syllabus: Brief historical review of the development of ideas on political economy; discussion of the concept of value; distribution and unemployment problems; markets, competition and monopoly, institutional structure, money and credit, business cycles, international trade, foreign exchange, taxation, public finance, legislation, politics, and government.

Lecturer: Prof. E. F. Beach.

Place: Arts Building.

Time: Tuesdays, 8 p.m., beginning October 10th.

E1-3. MONEY AND BANKING. 20 lectures of 2 hours. Fee $30.00.

Syllabus: Nature, function and origin of money; mediaeval financial institutions; development of the Canadian, British and American monetary systems; effects of world wars I and II and the great depression on the Canadian, British and American financial system; mechanism of monetary expansion and contraction; money credits and prices level; money interest rate and the level of income and employment; nature and cause of business cycles; control of economic fluctuations by monetary

and fiscal policy; determination of foreign rates; operations of the international monetary fund and the international bank for reconstruction and development.

Lecturer: Prof. B. H. Higgins.

Place: Arts Building.

Time: Wednesdays, 6 p.m., beginning October 11th.

E1-5. ECONOMIC AND BUSINESS STATISTICS. 20 lectures of 1½ hours. Fee $23.00.

Syllabus: Presentation of data in tabular and graphic form; rates, ratios and percentages; arithmetic line diagrams; semi-logarithmic line diagrams, comparison of percentages of growth, interpolation and extrapolation, comparison of amplitudes of fluctuations; frequency distributions; averages, their characteristics and uses; measures of dispersion; time series, trend, cycles, seasonal variation; adjustment for seasonal movements; adjustment for trend; simple correlation, its use in personnel tests; index numbers, construction and use, some current indexes; some applications of statistics to sales and market analysis, production control. *Text:* Croxton and Cowden, *Practical Business Statistics* (Prentice-Hall).

Lecturer: Mr. David Schwartzman.

Place: Arts Building.

Time: Tuesdays, 6 p.m., beginning October 10th.

E1-6. HUMAN RIGHTS: THEIR NATURE AND PROTECTION IN MODERN STATES. 10 lectures of 1½ hours.

The protection of generally guaranteed individual and social rights is attracting increasing interest due to the drafting of the United Nations Declaration of Human Rights and to the lack of adequate protection of some of these rights in various countries. The history of fundamental rights since the Magna Carta and the Declarations of Human Rights at the end of the Eighteenth Century (United States, France) will be discussed briefly. The course will then deal with the gradual extension of the rights protected by the Constitutions drawn up during the first half of the Twentieth Century, The main part of the course will be devoted to a discussion of the actual enforcement, or lack of enforcement, of these rights in various countries. In this connexion there will be more specific discussion of such rights as freedom of association, of creed and expression, of bargaining, of trade and industry, equal protection of the citizens, status of foreigners, etc. It will be shown that human rights are sometimes protected *de facto* in spite of the absence of written rules providing for such rights or their enforcement, while, in other instances, enforcement of well established and specifically protected rights is denied.

Legal decisions from North American and European countries will furnish the background material for this discussion.

Lecturer: Dr. R. H. Mankiewicz.

Place: Arts Building.

Time: Tuesdays, 8:15 p.m., beginning in January, 1951.

ENGINEERING COURSES — UNDERGRADUATE LEVEL

While no engineering courses at the undergraduate level leading to credit toward a Bachelor of Engineering degree are offered in the Extension Department, it is proposed to make courses available from time to time which will be of assistance to students who wish to enter the Corporation of Professional Engineers of Quebec by examination. These courses will be in the "Fundamentals of Engineering" (mechanics, strength of materials and hydraulics), and in the more advanced "Practice of Engineering".

In order to be eligible to take the courses in the Fundamentals of Engineering, the student must have completed the Corporation examinations in Mathematics (up to and including elementary calculus), Physics and Chemistry, or the equivalent. To be eligible for the courses in the Practice of Engineering (Civil, Chemical, Electrical, Mechanical, Metallurgical or Mining Engineering) the student must have completed the Corporation examinations in the Fundamentals of Engineering, or the equivalent.

Examinations in these courses will be set by the Corporation of Professional Engineers of Quebec.

All students wishing to avail themselves of this opportunity to prepare for the C.P.E.Q. examinations must complete a special application form which may be obtained from the Extension office.

FUNDAMENTALS OF ENGINEERING

E2-1. MECHANICS I. 20 lectures of 2 hours. Fee $30.00. Prerequisites: Algebra and Geometry, Trigonometry and Calculus, Physics, Chemistry as given in CPEQ examination syllabus, or equivalent.

This course in dynamics and statics will include the following topics: *Dynamics*—general motion involving displacement, velocity, and acceleration; rectilinear motion; composition and resolution of vectors; motion of projectiles; impulse and momentum; work, energy, and power; impact of a stream of particles. *Statics*—elementary frame analysis including equilibrium of concurrent and non-concurrent coplanar force systems;

funicular polygon; simple beam reactions; forces in frameworks of two-force members by method of sections and by graphics; elementary friction.

Lecturer: Prof. J. L. de Stein.

Place: Engineering Building.

Time: Mondays and Wednesdays, 7 p.m., beginning October 11th.

E2-2. MECHANICS II. 20 lectures of 2 hours. Fee $30.00. Perequisites: Mechanics I or equivalent.

Syllabus: Bending moments and shearing forces, and diagrams; forces in frameworks containing multiple-force members; relative velocities; linear motion with varying acceleration; plane curvilinear motion; simple harmonic motion, with application to oscillation of simple pendulums and helical springs; moments of inertia of masses and of areas; elementary rigid dynamics, including plane translation and rotation of rigid bodies, rolling and slipping on plane surfaces, compound pendulum, angular momentum, and impact.

Lecturer: Prof. J. L. de Stein.

Place: Engineering Building.

Time: Mondays and Wednesdays, 7 p.m., beginning January 8th, 1951.

PRACTICE OF ENGINEERING

E3-1. MACHINE DESIGN. 20 lectures of 2 hours. Fee $30.00.

This course is designed to show the application of the fundamental principles of mechanics and strength of materials to the design of machine elements. The topics covered are: Engineering materials; stresses in elementary machine members; design stresses and factor of safety; riveted joints ; welded joints ; bolts and screws ; keys, cotters, and knuckle joints ; shafts ; couplings and clutches ; brakes ; springs ; sliding bearings; roller and ball bearings; belts and belt conveyors; rope drives; hoisting and power chains; spur gears; bevel, worm, and spiral gears; cylinders, pipes, and tubes; flat plates and cylinder heads; metal fits and tolerances; miscellaneous machine members. *Text:* A. Vallance and V. L. Doughtie, *Design of Machine Members* (McGraw-Hill).

Lecturer: To be announced.

Place: Engineering Building.

Time: Tuesdays, 7 p.m., beginning October 10th.

E3-2. HEAT ENGINES. 20 lectures of 2 hours. Fee $30.00.

This is an elementary course concerning the theory and practice of heat engines as exemplified in the construction, development and performance of gasoline and Diesel engines, steam and gas turbines, steam engines, compressors, refrigerating machines and heat pumps.

The course includes a brief study of elementary thermodynamics to provide a suitable theoretical background and deals with forms of energy, the general energy equation, properties of gases and vapours, and the first and second laws of thermodynamics. Fuels and combustion processes as a source of heat energy are considered; also, the generation of steam and steam power plants. *Text:* V. M. Faires, *Theory and Practice of Heat Engines* (Macmillan).

The lectures are supplemented by an inspection of actual heat engine installations in the laboratory and certain test runs are made to illustrate principles and techniques.

Lecturer: Prof. William Bruce.

Place: Engineering Building.

Time: Mondays, 8 p.m., beginning October 16th.

OTHER COURSES IN ENGINEERING

E4-1. METALLOGRAPHY AND HEAT-TREATMENT OF IRON AND STEEL. 20 lectures of 1½ hours. Fee $23.00.

The course will begin with an illustrated review of the production and properties of iron and steel, followed by a discussion of the theory fundamental to heat treatment; the constitution of alloys. Details of heat-treatment methods and the microscopy of iron and steel will be discussed. If time permits, methods of control, pyrometry and mechanical testing will be dealt with. There will be laboratory demonstrations of heat-treating methods and equipment. The course will be illustrated with lantern and microscope slides.

Lecturer: Prof. Gordon Sproule.

Place: Chemistry Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

E4-2. FUNDAMENTALS OF WELDING. 20 lectures of 1½ hours. Fee $23.00.

The course will include general descriptions, and discussion of scientific fundamentals. There will be demonstrations of equipment and procedures but no attempt to train welders in manipulative technique. Rather the course is intended for engineers, executives and supervisors.

Syllabus: Welding compared with other methods of fabrication (rivetting and casting, etc.). The processes of welding: electric arc, electric resistance, spot and shot welding, solid-phase pressure welding, gas

welding, thermit welding. Designing for welding: stresses, jigs, preheating. Metallurgical aspects of welding: hardenability, heat treatment, grain growth, soundness, effects of alloying elements on steel, effects of impurities. Equipment and supplies: sources of electric energy, manufacture of gases, electrode coatings, brazing alloys, torches, inert gases. Methods of testing: radiography, mechanical testing, tensile, bending, notch-bar, corrosion testing.

Lecturer: Prof. Gordon Sproule.

Place: Chemistry Building.

Time: Tuesdays, 8 p.m., beginning October 10th.

E5-1. LIGHTING DESIGN AND APPLICATION. 10 lectures of 1½ hours. Fee $15.00.

This course is intended for architects, engineers and those employed in the manufacture or sale of lighting equipment who have a basic understanding of lighting fundamentals.

The first lecture will review illumination design methods and terms and will be followed by the calculations for brightness and glare. A lecture will be devoted to light sources, with special emphasis on the choice of the colour of illuminant, and another will deal with fixture design evaluation. Five lectures will cover problems and solutions for the following applications: offices, schools, stores, factories, floodlighting. The final lecture will deal with the evaluation of lighting systems.

Lecturer: Mr. R. S. Tate.

Place: Engineering Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

ENGINEERING COURSES — GRADUATE LEVEL

Graduate engineers engaged in research, design and development work in Electrical and Mechanical Engineering require more advanced training than can be included in undergraduate courses. In particular, there are many special phases of communication engineering which require, for their mastery, such advanced training.

Graduate evening courses in Communication Engineering, sponsored by the Department of Electrical Engineering and administered by the Extension Department, have been given at McGill University since 1942, and in Ottawa at Carleton College since 1946. Graduate courses are also being offered in Electric Power Engineering and in Mechanical Engineering.

It is now generally recognized that these courses provide a necessary supplement to undergraduate training and, in addition, offer the opportunity for graduates to complete the course requirement for the Master of Engineering degree while gainfully employed.

ELECTRICAL ENGINEERING

E8-1. APPLIED MATHEMATICS. 20 lectures of 2 hours. Fee $35.00. Prerequisite: Undergraduate Engineering Mathematics or equivalent.

This course deals with the mathematical methods used in engineering and physics: vector methods, Fourier series and related expansions and their use in partial differential equations, complex variables, and operational methods. The basic theory of fluid dynamics and electromagnetism are developed, with emphasis on the mathematical formulation of physical problems. A representative selection of basic problems is treated, and the commonly occurring mathematical functions (Bessel functions, Legendre functions and spherical harmonics, etc.) are studied. The course aims at extending the power of the graduate engineer to understand and use modern mathematical techniques, and to prepare those with specialized interests to follow modern work in radiation theory, aerodynamics, etc.

Lecturer: Prof. P. R. Wallace.

Place: Engineering Building.

Time: Wednesdays, 7 p.m., beginning October 11th.

E8-2. RADIATION THEORY. 20 lectures of 2 hours. Fee $35.00. Prerequisite: Course E8-1.

This course will be concerned with the radiation and propagation of electromagnetic waves, with special emphasis on the underlying unity of the subject in its applications to diverse problems. The propagation of waves in dispersive and dissipative media will be considered, along with the reflection and refraction of waves at boundary surfaces. The radiation from antennas will be systematically discussed with applications at both broadcast frequencies and high frequencies. The elementary multiple expansion, the radiation from linear antennas, directional arrays, the antenna as a receiving element, and as a circuit element are some of the topics to be examined. Diffraction phenomena, microwave optics, and related questions will be discussed.

Lecturer: Prof. J. David Jackson.

Place: Engineering Building.

Time: Mondays, 7 p.m., beginning October 16th.

E8-3. RADIO DESIGN. 20 lectures of 2 hours. Fee $35.00.

This course will deal with the design of radio frequency apparatus including Class B amplifiers, Class C amplifiers with and without modulation, oscillators, amplifier tank-circuits, antenna-coupling networks,

broadcast and other antennas. Some aspects of receiver design may be considered if time permits. Emphasis will be placed on methods, and problems will be assigned at each lecture.

Lecturer: Prof. F. S. Howes.

Place: Engineering Building.

Time: Thursdays, 7 p.m., beginning October 12th.

E8-4. NETWORK ANALYSIS. 20 lectures of 2 hours. Fee $35.00.

This course will start with the classical steady-state analysis of linear, passive, two and four terminal networks, and filters. These methods will then be extended to include the analysis of circuits involving vacuum tubes. The course will be concluded with some consideration of the frequency spectra of modulated waves, pulses and transients and the transient response of simple networks.

Lecturer: Mr. Tomas J. F. Pavlasek.

Place: Engineering Building.

Time: Mondays, 7 p.m., beginning October 16th.

E8-5. MICROWAVE THEORY AND TECHNIQUES AND R. F. PROPAGATION. 20 lectures of 2 hours. Fee $35.00. Prerequisite: Course E8-1.

Syllabus: Survey of r. f. transmission and propagation problems at all frequencies; review of 'telegraph equation' theory of transmission lines; transmission-line sections as circuit elements; impedance-measurement methods using transmission lines; electro-magnetic theory applied to coaxial lines and circular and rectangular wave-guides; microwave transmission techniques; calculation of wave-guide attenuation; theory and uses of resonant cavities, T-junctions, directional couplers, wave-guide lens antennas, etc.

Calculation of ground-wave intensities for r. f. propagation at frequencies below 100 mc.; ionospheric propagation—techniques, results and predictions; magneto-ionic theory; upper atmosphere information obtained by other physical measurements and its relation to radio data; microwave propagation phenomena in the troposphere.

Lecturer: Prof. Robert A. Chipman.

Place: Engineering Building.

Time: Thursdays, 8 p.m., beginning October 12th.

E8-6. TELEPHONE TRANSMISSION. 20 lectures of 2 hours. Fee $35.00.

This course is intended for design and application engineers in the wire communication field. The following topics will be covered: Elements of communication theory; characteristics of speech and hearing; telephone instrumentalities and line facilities; wire line transmission theory; loading,

theory and design; telephone networks; long distance circuit design, voice and carrier frequencies; units and standards of transmission, noise and crosstalk; control of singing, noise, crosstalk, distortions and variations; "effective" exchange transmission design.

Lecturer: Mr. Gaston Gaudet.

Place: Engineering Building.

Time: Tuesdays, 8 p.m., beginning October 10th.

OTTAWA

E9-1. APPLIED MATHEMATICS. 20 lectures of 2 hours. Fee $35.00.

This course deals with selected mathematical subjects required for a study of electro-magnetic field theory. Vector analysis; curvilinear coordinates; Gauss' and Stokes' theorems; partial differential equations; Bessel functions; Legendre polynomials; and two and three dimensional potential problems will be considered.

Lecturer: Dr. A. E. Douglas.

Place: Carleton College, Ottawa.

E9-2a. RADIO DESIGN: 1. ANTENNA DESIGN. 10 lectures of 2 hours. Fee $20.00.

This course will start with a discussion of the general theory of antennas, covering radiation patterns, power gain, band-width, impedance measurement and matching problems. A detailed consideration of AM broadcast antennas and arrays will be followed by a study of communication antennas, FM and television antennas and VHF arrays of all types. Microwave radiators including the use of reflectors and lenses will conclude the course.

Lecturer: Dr. G. A. Miller.

Place: Carleton College, Ottawa.

E9-2b. RADIO DESIGN : 2. RADIO RECEIVER DESIGN. 10 lectures of 2 hours. Fee $20.00.

This course will cover receiver specifications, a review of vacuum tube equivalent circuits and tuned, coupled-circuit theory leading to a detailed consideration of the superheterodyne receiver design problem. Frequency conversion, RF and IF amplifiers, detectors, and audio amplifiers with their associated problems will next be considered. Broadband amplifiers, synchronization, power supplies and electro-mechanical problems will complete the course.

Lecturer: Mr. Wilbert B. Smith.

Place: Carleton College, Ottawa.

E9-1. ENGINEERING ACOUSTICS. 20 lectures of 2 hours. Fee $35.00.

Acoustics has been an engineering field for a quarter of a century but very few engineers know much about it. Apart from the problems of recording and reproducing sound which have received a new impetus with the advent of tape recorders, problems of aircraft and motor vehicle noise and of the effects on personnel of high noise levels have been receiving a great deal of engineering study during the past decade. Ultrasonics, which is rapidly becoming a most important tool in industry and research, requires a good grounding in basic acoustic theory for its proper utilization. Like field theory, a knowledge of acoustic theory is rapidly becoming a necessary part of the equipment of the research and design engineer.

This course will cover fundamental theory and properties of acoustic waves; transmission and reflection with changing area of wave front and changing media; acoustic impedance and electrical analogies; horn and filter theory; acoustical transducers and fundamental acoustical measurements; physiological acoustics; architectural acoustics; high intensity sound, ultrasonics and related phenomena.

Lecturer: Dr. G. J. Thiessen.

Place: Carleton College, Ottawa.

E9-4. RADIO WAVE PROPAGATION. 20 lectures of 2 hours. Fee $35.00.

This course will describe the fundamental facts which have to be taken into account when a communication link is being planned. This includes knowledge of propagation sufficient to determine what frequency, power and type of antenna will, when used at the transmitter, produce a suitable signal at the receiver. Some consideration will be given to types of modulation and their susceptibility to noise and distortion and the national and international regulations which in most cases determine what frequencies can actually be used.

Syllabus: Propagation; ground waves; tropospheric effects; sketch of ionosphere theory and applications to circuits and planning; use of available prediction material; distortions suffered by signals in transit; sources and magnitude of noise. Communication theory; types of modulation with reference to intelligence content; bandwidth; effects of noise and distortion. International and national frequency allocations.

Lecturer: Mr. J. W. Cox.

Place: Carleton College, Ottawa.

E10-1. ELECTRI C MACHINE DESIGN. 20 lectures of 2 hours. Fee $35.00.

This course will cover the application of single-phase, polyphase, and D.C. electrical motors in industry, and their design to meet diverse requirements

of starting and operating conditions. Actual designs will include polyphase squirrel-cage and wound-rotor motors; single-phase motors with split-phase and capacitor starting; shunt, stabilized-shunt, compound, and series D.C. motors; A.C. and D.C. generators; transformers, autotransformers, and reactors. Design problems will be assigned.

Lecturer: Prof. W. H. Schippel.

Place: Engineering Building.

Time: Mondays, 7 p.m., beginning October 16th.

MECHANICAL ENGINEERING

E11-1. ADVANCED MACHINE DESIGN. 20 lectures of 2 hours. Fee $35.00.

This course is intended to further the professional and academic development of graduate engineers in industry. Advanced topics are treated in detail and wherever possible practical examples and design applications are discussed. References to current literature are made whenever feasible.

Topics included in the course are: Theory of mechanical design; theories of elastic failure; compound stresses; stress concentrations; factors of safety; introduction to experimental stress analysis, photoelasticity, etc.; fatigue and endurance of metals; stresses in thick cylinders and tubes; deformation beyond the elastic limit.

Lecturer: Prof. P. M. Stafford.

Place: Engineering Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

E11-2. BEARINGS AND LUBRICATION. 10 lectures of 2 hours. Fee $20.00.

This course will cover theoretical and practical considerations in the design and application of bearings to machine elements. Lubrication is discussed from the point of view of the hydrodynamic film theory, the significance of $\frac{ZN}{P}$ relationship together with the journal-to-bearing clearance, selection of lubricants, and the hydrodynamic film applied to grease-lubricated bearings.

Antifriction bearings, i.e., ball and roller bearings, will be discussed; types of each and characteristic properties and applications; load determination and design of antifriction bearings and their elements; rated life of bearings, and prestressing of bearings, will be studied.

Lectures will be illustrated by slides, and different types of bearings will be available for inspection. In addition to ten 2-hour lectures, students will be invited to give a seminar discussion upon any subject related to the course. This phase is entirely optional, and will not affect the standing or credit in the course.

Lecturer: Prof. P. M. Stafford.

Place: Engineering Building.

Time: Thursdays, 8 p.m., beginning October 12th.

E11-3. GAS TURBINES. 20 lectures of 2 hours. Fee $35.00.

The purpose of the course is to give a general introduction to the theory of gas turbines and to discuss their applications on land, at sea, and in the air.

Syllabus: Introduction; review of thermodynamics needed; operating cycles. Aerodynamics—flow of gases in ducts and around blades. General theory of turbo machinery. Compressor and turbine design and performance. Combustion and heat transfer. Regulation and control. Performance calculation and testing. Applications to aircraft propulsion, land and marine power plants.

Lecturer: Prof. Donald L. Mordell.

Place: Engineering Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

E11-4. STATISTICAL QUALITY CONTROL. 20 lectures of 2 hours. Fee $35.00.

The purpose of the course is to explain how statistical techniques can be used effectively in industry to reduce costs and improve product quality. An extensive knowledge of statistics is not required: the basic theory will be developed in the course. The reading material will be supplemented by problems and experiments in the classroom.

Topics to be covered are probability, the normal distribution curve, sampling, control charts, acceptance procedure and organization for quality control.

Lecturer: Prof. James M. White.

Place: Engineering Building.

Time: Tuesdays, 8 p.m., beginning October 10th.

CIVIL ENGINEERING

E12-1. THEORY OF ELASTICITY AND VIBRATIONS. 20 lectures of 2 hours. Fee $35.00

This course will deal with the analysis of stress and strain; two-dimensional problems; conformal mapping; three-dimensional problems; torsion of prisms; stress distribution in solids of revolution; propagation of waves in elastic media.

Lecturer: Prof. Charles Fox.

Place: Engineering Building.

Time: Mondays, 7 p.m., beginning October 16th.

ENTOMOLOGY

E13-1. INSECT PESTS OF HOME AND GARDEN, AND THEIR CONTROL. 15 lectures of 1 hour. Fee $15.00.

Following a short account of the structure, habits and ways of life of insects, the standard methods of control will be discussed in non-technical terms. Following this, the pests of typical materials and/or plants will be covered, and simple methods of control of the commoner pests described: in the home—woolens, carpets, furs, upholstery, books, house plants, etc.; in the garden—vegetable plants, flowers such as roses, pansies, lilies, snapdragons, hollyhocks, etc. The emphasis will be on practical methods which can be used by the household, at minimum costs.

Lecturer: Prof. John Stanley.

Place: Biological Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

GEOGRAPHY

G1-1. THE SOVIET UNION, A LAND OF CONTRASTS. 15 lectures of 1½ hours. Fee $17.00.

From Arctic archipelagoes to barren, treeless tundras; through dark forests to the steppes and deserts, the contrasts of the Soviet Union are made vivid in its geography. The life of the primitive natives of Siberia, of the Finns, the Mongols of the Russian Far East, the Turkish peoples of the Central Asiatic steppes and deserts, the Caucasian highlanders, the Russians and Ukrainians again impress us with their incredible variety. A political survey takes us through Ancient Russia, the Mongolian rule, the reborn Russia which in the seventeenth century drove to the Pacific Ocean, and finally, the end of Tsarist Russia, the Revolution and the Communist regime. From primitive industry to modern industry, from individual to collective farming, the Five Year Plans have transformed the Soviet State. The rising output of mining and heavy industrial production and of the potential of the Soviet have created new urban and industrial centers. A review of the political structure, the satellite states and recent developments completes our course. *Text:* Gregory & Horrabin, *An Atlas of the USSR* (Penguin).

Lecturer: Prof. Bogdan Zaborski.

Place: Arts Building.

Time: Thursdays, 8:15 p.m., beginning October 12th.

G1-2. WEST AND EAST IN EUROPE : GEOGRAPHICAL BACKGROUND. 15 lectures of 1½ hours. Fee $17.00.

This course focuses attention on Europe as the key to our understanding of the East-West struggle. Consideration is first given to Europe's geographical position in the world; the differences in relief and climate between West and East; the zones of soils and of natural vegetation. Next we see the development of its peoples; the ancient civilizations around the Mediterranean Sea, the Roman Empire and the "Barbarians," the birth of modern states and nations, the competition of powers and their overseas colonial activity. The western and eastern cultural patterns also have a history. The spreading of languages, the distribution of religions and alphabets, the recent differences in economic and social systems in West and East have all been factors in this development. A discussion of the present situation concludes this course. *Text:* N. J. G. Pounds, *An Historical and Political Geography of Europe* (Harrap).

Lecturer: Prof. Bogdan Zaborski.

Place: Arts Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

G1-3. POLAR REGIONS AND THE CANADIAN NORTH. 15 lectures of 1 hour. Fee $15.00

What is a Polar region, where are the polar regions on the earth and what is the history of their exploration ? The answers to these questions will introduce this course on the Canadian North. The techniques of polar exploration, the transportation problems involved, the climate and clothing required, the geography and geology, the wild life, vegetation and human life, the economic problems and the more recent political and strategic questions will all be discussed in their inter-relationships. The course will conclude with a study of Baffin Island as a typical Canadian Polar region. Films and other illustrative material will be used.

Lecturer: Col. P. D. Baird.

Place: Arts Building.

Time: Tuesdays, 7:45 p.m., beginning October 10th.

G1-4. WEATHER. 10 lectures of 1½ hours.

Mark Twain said "Everybody talks about the weather, but nobody ever does anything about it." In the City of Montreal there are several groups actively doing something about it. There are two large forecasting offices at Montreal Airport. There are two active research groups doing experiments on weather processes at McGill, and I.C.A.O.'s top-flight weathermen do their global planning in the new I.C.A.O. headquarters. Now to reverse Mark Twain's comment, the men who do something about it plan to talk about it, also.

A group of seven weather experts will discuss the following topics: The elements, earth, air, fire and water; geography and weather; evidence of a changing climate. The life history of a storm; weather forecasting as a service to society; smooth flights and happy landings; Arctic weather as a factor in determining our own; weather can be your hobby; weather, the Aurora, and radio reception. Radar weather.

Lecturer: Prof. J. S. Marshall.

Place: Physics Building.

Time: Tuesdays, 8 p.m., beginning in January, 1951.

GENETICS

G2-1. YOU AND HEREDITY. 15 lectures of 1 hour. Fee $15.00.

If you want your children to be well and happy, you'd better be careful in choosing your grandparents! The geneticist tells why in this course on heredity.

Syllabus: How a new life originates:—the story of production of reproductive cells and their union. Growth and development of the human body—the multiplication of cells, the relation of mother and child, twins, the origin of normal physical differences, and the production of reproductive cells. The assortment of hereditary determiners in the production and fusion of reproductive cells:—the Mendelian laws. The role of hereditary factors in colour blindness, blood groups, diseases, mental functions (intelligence, psychoses, etc.), nervous and muscular disorders, sense organs and metabolic functions, etc. Cousin marriages and race mixture. The distribution of hereditary determiners in human populations in relation to the decline of the birth rate, decreasing effects of natural selection and eugenics. Lysenko and the "new" genetics of the Soviet Union. *Text:* Scheinfeld, *You and Heredity* (Garden City Pub. Co.)

Lecturer: Prof. J. W. Boyes.

Place: Biological Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

HISTORY

H1-1. THE ORIGINS OF CONTEMPORARY EUROPE (1870-1950). 15 lectures of 1½ hours. Fee $17.00.

The purpose of the course will be to show the forces—intellectual, economic, social and political—which have gone into the development of Europe as we know it today. While the political and international factors will be considered, the great stress will be laid upon the basic intellectual, economic and social developments. By this means an attempt will be made to explain the present divisions and conflict in Europe. A text-book will be assigned, and each of the periods will be

divided between the lecture and a discussion of the topics in the book. *Text:* F. Lee Benns, *European History since 1870* (Appleton-Century-Crofts).

Lecturer: Prof. W. Stanford Reid.

Place: Arts Building.

Time: Thursdays, 8:15 p.m., beginning October 12th.

H1-2. INDIA AND PAKISTAN. 10 lectures of 1½ hours. Fee $15.00.

This course will be a survey, to introduce and to make intelligible the two new dominions. The topics covered will be: The land and the people; historical background, a synopsis of Indian history from 3000 B.C. to 1900 A.D.; the Twentieth Century,—the Indian Nationalist movement and the Muslim Separationist movement; India and Pakistan since partition, 1947. The economic situation; internal relations,—the political parties, labour movements, peasant movements, Communism; external relations,—India and Pakistan in World affairs; mutual relations, —Indo-Pakistan affairs; future prospects.

Lecturer: Prof. Wilfred C. Smith.

Place: Divinity Hall, 3520 University Street.

Time: Wednesdays, 8 p.m., beginning October 11th.

H1-3. RUSSIA AND MARXISM. 10 lectures of 1½ hours. Fee $15.00.

Marxism was, in origin, a Western thing, developed in the light of Western experience. That experience has been very different from the experience of Russia. Marx and his successors (including Lenin) repeatedly insisted that only the developed countries of the West were 'ripe for Socialism.' These lectures will deal with the process by which Western Marxism has become blended with the historical experience of a particular non-western country, Russia, to produce a third thing, Bolshevism.

Lecturer: Prof. H. N. Fieldhouse.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning October 11th.

H1-4. HISTORICAL BACKGROUND OF CURRENT EVENTS. 10 lectures of 1½ hours.

Each lecture will deal with an event or problem of current importance, will explain its meaning and set it against its contemporary and past historical, political and economic background. As has been usual in this course, this will be followed by a few minutes' explanation of matters of special importance that have occurred during the previous week and then by a general discussion.

Lecturer: Prof. E. R. Adair.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning in January, 1951.

INDUSTRY : MANAGEMENT

I1-1. MANAGEMENT AND ADMINISTRATION, ADVANCED. 25 conference sessions of 2 hours. Fee $40.00.

A course intended for University graduates and other qualified persons presently employed in occupations involving administrative responsibilities. Enrolment is limited. Students who passed the final examination in the Introductory Course given in previous sessions may register for this course.

This course deals with Management and Administration proper. The first section is mainly concerned with production management, including plant location and layout. The second section is directed to problems of control; principles of Management and Administration; and a session on reports. The topics covered will be: (Section 1) Introduction — exploration of the field; product planning: selection, design and development; design and layout of plant; location of plant; purchasing and control of material inventories; storage and materials handling; production control: product analysis, methods of manufacture, principles and practice, devices; quality control; distribution; review. (Section 2) Financial set-up; budgetary control; making the budget, using the budget; human relations; personnel administration; management: principles, techniques; administration: planning, organization, coordination and control; reports: make-up, language; review.

Lecturer: Mr. James A. Coote.

Place: Engineering Building.

Time: Wednesdays, 8 p.m., beginning October 4th.

I1-2. OFFICE MANAGEMENT. 20 lectures of 1½ hours. Fee $23.00. Class limited.

This course in the principles and practice of office management includes such topics as: principles of office organization and management; organization of a representative enterprise and the relation of the office thereto; duties of, and job descriptions for, the office manager and other members of the office staff; utilization of office personnel; office environment and administration, and office planning and control.

Lecturer: Prof. Philip T. R. Pugsley.

Place: Divinity Hall, 3520 University Street.

Time: Mondays, 6 p.m., beginning October 16th.

I1-3. INDUSTRIAL MANAGEMENT. (Commerce Evening Course No. C 561) 20 lectures of 2 hours. Fee $30.00.

This course is designed to provide an over-all picture of the techniques involved in the management of an industrial establishment. It covers

legal and internal forms of organization; location, construction, and layout of plant; selection, installation, and maintenance of machinery, equipment, and factory services; purchasing and storekeeping; motion study and work simplification; safety and health; selection and training of employees; leadership and morale; job evaluation, merit rating, and employee compensation; development and engineering; maintenance; estimating; scheduling; production control methods; inspection; industrial and public relations; sources and use of outside help, guidance, and advice.

Lecturer: To be announced.

Place: Arts Building.

Time: Mondays, 8 p.m., beginning October 2nd.

INDUSTRY : PERSONNEL

I3-1. SUPERVISORY DEVELOPMENT. 20 lectures of 2 hours. Fee $30.00. Class limited.

This course is offered in collaboration with the administrators of the Youth Training Plan of the Province of Quebec and the Canadian Industrial Trainers Association. It is designed specifically for prospective supervisors and those newly appointed to supervisory positions, and seeks to establish the relation between the basic techniques of foremanship and actual working situations encountered by each student in his own job. The course is conducted using the conference method, with extensive use of sound films and slides to supplement discussions. Department of Labour certificates will be awarded by the Youth Training Plan to those who complete the course satisfactorily.

Syllabus: Duties of supervisor; supervisor as an instructor; analysing the job; training schedules; supervisor as a leader; solving every-day problems; starting the new employee; preventing grievances; handling grievances; work simplification.

Lecturer: Mr. H. R. Filiatrault.

Place: Engineering Building.

Time: Wednesdays, 7 p.m., beginning October 11th.

I3-2. PERSONNEL MANAGEMENT: 10 lectures of 2 hours. Fee $20.00. Class limited. Prerequisite: at least Junior Matriculation; University training preferable.

An introductory course which examines the character of modern industry, the role of management and of labour, and the relationships, both formal and informal, which exist in the industrial setting. The question of motives is examined and the intruments of personnel administration

appraised. The course is designed to promote situational thinking. The method will be a combination of lectures, cases, and conferences. Students registering for this course should be prepared to undertake considerable reading and to participate in conference discussions. It is also desirable that they present cases from experience for class analysis. *Texts:* Pigors and Myers, *Personnel Administration* (McGraw-Hill); Wilbert E. Moore, *Industrial Relations and the Social Order* (Macmillan).

Lecturer: Prof. H. D. Woods.

Place: Arts Building.

Time: Tuesdays, 6 p.m., beginning October 10th.

I 3-3. **LABOUR AND INDUSTRIAL LEGISLATION.** 20 lectures of 2 hours. Fee $30.00.

Syllabus: Civil Law: General provisions of the civil law concerning legal relationship between employers and employees. Contractual Relationship: Individual contracts between employers and employee; collective labour agreements not governed by any laws. Contractual Relationship and Government Regulations: Collective labour agreements governed by the Professional Syndicates Act; agreements governed by the Labour Relations Act; agreements juridically extended by the Labour Agreement Act; individual contracts governed by the Minimum Wage Act; the Quebec Trade Disputes Act, the Public Services Employees Disputes Act and the Act respecting municipal and school corporations and their employees; Labour unions and employers' associations,—their certification, negotiation, conciliation, arbitration; the Provincial and Federal laws governing strikes and lock-outs. Ancillary Laws: Review of the so-called social laws as, e.g., Workmen's Compensation Act. Each lecture will be followed by a practical application of the theory presented. *Text: Code of Labour and Industrial Laws*, 1950 edition (G. Francq).

Lecturer: Mr. Marc Lapointe.

Place: Arts Building.

Time: Wednesdays, 8 p.m., beginning October 11th.

I 3-4. **INDUSTRIAL RELATIONS.** 10 lectures of 2 hours. Fee $20.00. Class limited. Prerequisite: at least Junior Matriculation; University training preferable.

This course deals with the question of union and management relations. It attempts an understanding of the value of management and of unions, the motives involved, the objectives, areas of mutual interest and conflict, and methods and agencies available to each. It assesses the impact of

collective bargaining on the enterprise system and considers the role of the state and the question of public policy. The course involves considerable reading and will combine the lecture and the conference discussion methods. *Texts:* W. E. Moore, *Industrial Relations and the Social Order* (Macmillan); Bakke and Kerr, *Unions, Management and the Public* (Harcourt, Brace).

Lecturer: Prof. H. D. Woods.

Place: Arts Building.

Time: Tuesdays, 6 p.m., beginning in January, 1951.

CERTIFICATE COURSE IN MANAGEMENT AND BUSINESS ADMINISTRATION

To meet the demand for the more advanced and broader training required by graduates whose functions are primarily administrative and managerial, the Extension Department is this year launching a new series of courses leading to a certificate in Management and Business Administration. With the cooperation of the Montreal Institute of Administration, a group of coordinated courses has been arranged which makes a start at least in meeting this need.

This series is intended for graduates in Commerce, Engineering, Law, and Arts and Science, who are fully employed in industry or business. Only in exceptional circumstances will non-graduates be admitted as candidates for the certificate. However, the separate courses making up the series will all be regular Extension courses, open to anyone who is interested. An educational background of at least high school graduation is recommended since all of these courses are at university level.

The successful completion of 7½ full courses (a full course is 40 hours) will be required to qualify for the certificate; a maximum of 2½ courses may be taken per year.

Students whose previous training entitles them to exemption from some of the required courses will make up the 7½ courses from electives.

Students wishing to follow the Certificate Series should apply to the Extension office for an application form. This must be completed and returned by September 25th.

Syllabus

	Course No.	Page	Course Name	Lecturer	Year**
Required Courses	E1-1	3910	Industrial Change: An Historical Approach	Prof. Dales	1
	E1-2	3911	General Economics	Prof. Beach	1 or 2
	E1-3	3911	Money and Banking	Prof. Higgins	1 or 2
	I1-3	3927	Industrial Management	To be announced	1 or 2
			Corporation Finance*	.....	2 or 3
			Administrative Policy*	.....	3
Elective Courses	P2-1 (a or b)	3950	Introduction to Psychology	Prof. Bindra	1
	A3-1	3908	Principles of Accounting & Cost Determination	Prof. Byrd	1 or 2
	E1-5	3912	Economic and Business Statistics	Mr. Schwartzman	1 or 2
	P2-3	3951	Social Psychology	Prof. Luchins	1, 2 or 3
	P2-4	3951	Business and Industrial Psychology	Prof. Ferguson	1, 2 or 3
	I3-4	3929	Industrial Relations	Prof. Woods	1, 2 or 3
	I3-2	3928	Personnel Management	Prof. Woods	1, 2 or 3
	I3-3	3929	Labour and Industrial Legislation	Mr. Lapointe	1, 2 or 3
	L10-1	3942	Commercial Law	Prof. Vineberg	2 or 3
	I1-2	3927	Office Management	Prof. Pugsley	2 or 3
			The State and Economic Life*	.....	2 or 3
			Parliamentary Government*	.....	2 or 3
			Personnel Appraisal*	.....	2 or 3

*Not given in 1950-51.

**Courses to be taken in this order.

LANGUAGES

ENGLISH

L1-1a. ENGLISH COMPOSITION AND BUSINESS WRITING. 25 lectures of 1 hour. Fee $19.00. Class limited.

The course begins with a review of the fundamentals of grammar, punctuation, sentence structure, and paragraphing, and proceeds to a study of the basic structure of the business letter and a detailed consideration of the techniques used in writing utility, sales, credit and collection, claim and adjustment, and application letters. Vocabulary building is stressed throughout the course, and students are encouraged, but not required, to write short assignments for individual criticism.

This course is intended for those whose native tongue is English, but would be useful to those who have mastered English idiom.

Lecturer: Miss Kathleen M. Fricker.

Place: Arts Building.

Time: Mondays, 6 p.m., beginning October 16th.

L1-1b. ENGLISH COMPOSITION AND BUSINESS WRITING, INTERMEDIATE. 25 lectures of 1 hour. Fee $19.00. Class limited.

This course is designed to provide a study of the broader field of business writing: that of reports, direct mail advertising, correspondence supervision, dictation, and the basic psychology of business letters. The course offers several 'refresher' lectures on sentence structure, paragraphing, and punctuation. There is a detailed consideration of the procedure to be followed in writing business reports, and also a description of the types of prose which contribute to the effectiveness of reports. Each member of this class is encouraged to write a report from the field of actual business practice.

Lecturer: Miss Kathleen M. Fricker.

Place: Arts Building.

Time: Mondays, 8:15 p.m., beginning October 16th.

L1-2a. SPEAKING IN PUBLIC. 20 periods of 1½ hours. Fee $23.00. Class limited.

Each class will open with a 15-minute lecture by the instructor, and the remainder of the time will be devoted to speaking by the students, with comments and suggestions by the instructor. The instructor's short lectures will cover the general principles of public speaking, including preparation and construction of a speech; speech introductions; speech substance and argument; speech conclusions; speech delivery; introducing and thanking a speaker; speeches for special occasions; debating—rules and principles, tactics and practice; duties of a chairman; procedure at meetings; radio and microphone technique; words.

The students will speak in turn and, during the course, will prepare and deliver short talks, take part in debates, introduce and thank speakers, act as chairman of the group, criticize speeches and debates, and practise impromptu speaking.

Lecturer: Mr. Donald N. Byers.

Place: Divinity Hall, 3520 University Street.

Time: Mondays, 7 p.m., beginning October 16th.

L1-2b. SPEAKING IN PUBLIC. Identical with the above.

Time: Mondays, 8:30 p.m., beginning October 16th.

Applicants must indicate clearly, when registering, the class they wish to take.

ENGLISH FOR THE NON-ENGLISH-SPEAKING, ELEMENTARY. Two classes of 25 1½-hour periods. Fee $28.00 for each class. Both classes limited. Prerequisite: literacy in student's own language.

The courses are designed to suit the needs of both new Canadians and French Canadians who wish to learn English. Correct speech habits will be taught through the phonetic system of the International Phonetic Association. The object is to give students a standard of pronunciation and accentuation and to suggest suitable books for later self-help. Correct use of everyday idiom will be stressed. *Texts:* (a) C. E. Eckersley, *Essential English, Books I and II* (Longmans); Eckersley, *A Concise English Grammar* (Longmans); "Liaison," *Sound Advice* (Longmans); (b) *Reading material: Travellers' Tales* (Longmans); "*The Count of Monte Cristo,*" (Longmans). Recommended dictionary: Michael West, *New Method English Dictionary;* or, *A Learner's Dictionary of Current English* (Oxford).

L1-3. *Lecturer:* Prof. L. B. Harrop.

Place: Arts Building.

Time: Mondays, 7 p.m., beginning October 16th.

L1-4. *Lecturer:* Miss Ann Robson.

Place: Arts Building.

Time: Tuesdays, 7 p.m., beginning October 10th.

L1-5. ENGLISH FOR THE NON-ENGLISH-SPEAKING, INTERMEDIATE. 25 lectures of 1½ hours. Fee $28.00. Class limited. Prerequisite: Elementary course, or equivalent.

This is a continuation of the Elementary Course, in which the student has gained a grasp of elementary grammar and language-structure, as well as of phonetics and pronunciation. At this intermediate stage the stress will be on idiom and usage, with continued formal work on grammar.

A good deal of time will be spent on written exercises. More graded reading matter will also be introduced. *Texts:* C. E. Eckersley, *Essential English, Book III* (Longmans); Judd, *Exercises in English* (Longmans); Palmer and Blandford, *Everyday Sentences in Spoken English* (Heffer); *Reading Material: The Black Tulip* (Longmans); *Vice Versa* (Longmans); *The Pocket Book of Short Stories* (Pocket Books). *Recommended Reference Books: A Learner's Dictionary of Current English* (Oxford); Palmer, *A Grammar of English Words* (Longmans); Harrop, *So You Know English* (Mediterranéennes).

Lecturer: Prof. L. B. Harrop.

Place: Arts Building.

Time: Mondays, 8:30 p.m., beginning October 16th.

L1-6. ENGLISH FOR THE NON-ENGLISH-SPEAKING, ADVANCED. 25 lectures of 1½ hours. Fee $28.00. Class limited. Prerequisite: Intermediate course, or equivalent.

This course is designed for those who, while having a fluent command of English, need further work in advanced composition, in the correct use of idiom, in pronunciation, intonation, etc. While especially useful to French-Canadians and the foreign-born, this course may also be found useful to native English-speakers who are aware of certain deficiencies in their use of written or oral English. *Texts:* (a) Palmer, *A Grammar of English Words* (Longmans); Eckersley, *Essential English, Book IV* (Longmans); Tibbits, *A Phonetic Reader* (Heffer); Harrop, *So You Know English* (Mediterranéennes). (b) *Reading Material: Modern English Writers* (Longmans); *Pathways to Literature* (Longmans); E. M. Forster, *A Passage to India* (Penguin). *Recommended Reference Book: A Learner's Dictionary of Current English* (Oxford).

Lecturer: Prof. L. B. Harrop.

Place: Arts Building.

Time: Thursdays, 7 p.m., beginning October 12th.

DIPLOMA COURSE IN TRANSLATION: ENGLISH-FRENCH, FRENCH-ENGLISH

Courses L2-1 to L2-5 constitute a three-year series leading to a Diploma in Translation. These courses, which involve one two-hour period a week, are open to all qualified students. New students must make application in writing to the Extension office, McGill University, before September 25th, 1950.

Students who successfully completed any of these courses last session may register by mail for the next course in the series. Students who were unsuccessful in a course last session may register by mail to repeat the course.

A registration card may be obtained by writing or telephoning the Extension office. Mailed registration cards, with cheque attached, must reach the Extension office by October 10th.

A new student desiring to register for the first year course must be prepared to show a certificate indicating that he or she has completed Grade XI (Quebec) or higher. Students without such a certificate and those new students who desire to enter second year must write an appropriate qualifying examination at the Arts Building, McGill University, at 7 p.m. on October 2nd.

Registration and payment of fees will take place in the Registrar's office on *October 12th and 13th, from 6:30 to 8:30 p.m.* New students must either have passed the qualifying examination or show the 11th Grade (Quebec) or higher certificate at registration.

The student fee, payable in full at registration, is the same for each course and is $40.00. Members of the Montreal Translators Society, on presentation of their 1950 membership cards, will be registered at a reduced fee of $35.00.

FIRST AND SECOND YEARS : COMMERCIAL TRANSLATION

The purpose of these courses is to assist students in acquiring or perfecting ease of style and propriety of vocabulary in translating commercial material—correspondance, reports, advertising matter, simple sales contracts and the like—from English into French and *vice versa*.

The fields of terminology covered are broadly those of trade, finance and business administration. These courses are designed to emphasize the fact that commercial translation requires both accuracy and elegance, together with a proper understanding of the principles of correct drafting and composition. A course of reading is recommended to the students. It includes standard remedial manuals and works of reference on the use of language and the art of translation.

L2-1. ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (1st year). 20 lectures of 2 hours.

Lecturers: Mr. René Fandrich and Mr. John Perrie.

Place: Arts Building.

Time: Wednesdays, 7:30 p.m., beginning October 18th.

L2-2. ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (1st year). 20 lectures of 2 hours.

Lecturers: Mr. H. W. Mandefield and Mr. Gilbert H. King.

Place: Arts Building.

Time: Thursdays, 7:30 p.m., beginning October 19th.

L2-3. ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (2nd year). 20 lectures of 2 hours.

Lecturers: Mr. René Fandrich and Mr. John Perrie.

Place: Arts Building.

Time: Wednesdays, 7:30 p.m., beginning October 18th.

L2-4. ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (2nd year). 20 lectures of 2 hours.

Lecturers: Mr. H. W. Mandefield and Mr. Gilbert H. King.

Place: Arts Building.

Time: Thursdays, 7:30 p.m., beginning October 19th.

THIRD YEAR: GENERAL TRANSLATION.

This course, which is conducted alternately in French and in English, is intended for students with a fair background of linguistic knowledge. It provides an introduction to translation work of a literary value and all texts are selected from among the work of writers whose fields range from the descriptive or psychological novel to the critical essay and topical article of merit and distinction. Apart from the constant building up of indispensable vocabulary this course particularly stresses the stylistic aspect of English and French, and special attention is paid to synonyms, shades of meaning and the accurate rendering of the general tone of a page.

L2-5. ENGLISH-FRENCH AND VICE VERSA GENERAL TRANSLATION (3rd year). 20 lectures of 2 hours.

Lecturer: Miss L. Mabel King.

Place: Arts Building.

Time: Wednesdays, 7:30 p.m., beginning October 18th.

FRENCH

To gain a certificate in French, two courses must be taken concurrently, in addition to passing examinations in the spring. For a First Year Certificate, Courses L3-1 (a or b) and L3-5 (a or b) must be taken; for a Second Year Certificate, Courses L3-2 or L3-3 and L3-6 or L3-7; for a Third Year Certificate, Courses L3-4 and L3-8.

L3-1a. FRENCH ELEMENTARY (1st year). 25 lectures of 1 hour. Fee $19.00. Class limited.

French grammar, reading and conversation. *Text:* Hendrix and Meiden, *Beginning French* (Houghton, Mifflin).

Lecturer: Miss Norah M. Lenoir.

Place: Arts Building.

Time: Mondays, 6 p.m., beginning October 16th.

L3-1b. FRENCH ELEMENTARY (1st year). Identical with the above.

Time: Mondays, 7 p.m., beginning October 16th.

Applicants must indicate clearly, when registering, the class they wish to take.

FRENCH INTERMEDIATE (2nd year). Two classes of 25 1½-hour periods. Fee $28.00. Both classes limited. Prerequisites: reading knowledge of French and some basic knowledge of French grammar.

This course is designed for those who have some elementary knowledge of French, but need to "refresh" their grammar, wish to understand spoken French better, and have some difficulty in expressing themselves freely in French. The course includes various grammar and translation exercises, reading and conversation, on different subjects, including business or science. *Text:* O'Brien and Lafrance, *Second Year French* (Ginn).

L3-2. *Lecturer:* Prof. L. d'Hauteserve.

Place: Arts Building.

Time: Mondays, 7 p.m., beginning October 16th.

L3-3. *Lecturer:* Prof. André Rigault.

Place: Arts Building.

Time: Wednesdays, 6 p.m., beginning October 11th.

L3-4. FRENCH ADVANCED (3rd year). 20 lectures of 1½ hours. Fee $23.00.

This course, which includes reading, translation, and explanation of difficult points of grammar, is designed for those who have a fair knowledge of French and want to improve it so as to be able to write letters, make statements and express themselves correctly in French. *Text:* W. F. H. Whitmarsh, *Complete French Course* (Longmans, Green).

Lecturer: Prof. L. d'Hauteserve.

Place: Arts Building.

Time: Tuesdays, 7 p.m., beginning October 10th.

L3-5a. FRENCH CONVERSATION ELEMENTARY (1st year). 25 lectures of 1 hour. Fee $19.00. Class limited.

Elementary conversation for students who do not have enough practice. *Text:* William S. Shields, *Parlons français* (Houghton, Mifflin).

Lecturer: Miss Norah M. Lenoir.

Place: Arts Building.

Time: Tuesdays, 6 p.m., beginning October 10th.

L3-5b. FRENCH CONVERSATION ELEMENTARY (1st year). Identical with the above.

Time: Tuesdays, 7 p.m., beginning October 10th.

Applicants must indicate clearly, when registering, the class they wish to take.

FRENCH CONVERSATION INTERMEDIATE (2nd year). Two classes of 25 1½-hour periods. Fee $28.00 for each class. Prerequisites: two years of French studies and/or one year of French Elementary Conversation. Both classes limited.

The course is conducted in French and its main object is to improve the students' fluency in colloquial French as well as to teach them the most appropriate terms for every day and professional use. *Text:* Briscoe and Dickman, *Français Pratique* (Allyn and Bacon).

L3-6. *Lecturer:* Mr. Tadeusz Romer.

Place: Arts Building.

Time: Thursdays, 8:15 p.m., beginning October 12th.

L3-7. *Lecturer:* Prof. André Rigault.

Place: Arts Building.

Time: Mondays, 6:30 p.m., beginning October 16th.

L3-8. FRENCH CONVERSATION ADVANCED (3rd year). 20 lectures of 1½ hours. Fee $23.00. Prerequisite: average fluency in spoken French. Class limited.

This course is conducted entirely in French. It aims at building up the student's vocabulary and developing his or her fluency in spoken French of a practical nature through a methodical study of every-day words and phrases, proverbs, idioms, and current topical terms. A certain amount of technical business vocabulary will also be included. Pronunciation receives individual attention.

Topics for conversation and debates are given well in advance, so that students have an opportunity to prepare for them. Classes are conducted so that each student is given an opportunity to practise the French he

knows and to increase his grasp of the language through graded ear-training and careful elocution. *Text:* De Visme and Jordan, *Short Course in Spoken French* (Appleton-Century-Crofts).

Lecturer: Mrs. Simone Launay.

Place: Arts Building.

Time: Thursdays, 7 p.m., beginning October 12th.

SPANISH

SPANISH ELEMENTARY (1st year). Two classes of 25 1½-hour periods. Fee $28.00 for each course. Both classes limited.

This is a beginner's course designed to teach the students to read, write and speak Spanish, and to become conversant with the main grammatical principles of the language. Ample practice will be given in written work by means of translations and dictation. Students will be given practice in oral work, particular importance being attached to self-expression, so as to prepare them for the second-year course, which is conducted mostly in Spanish. At the end of the course, students will have the opportunity of taking an examination which will include a certain amount of oral work. *Texts:* Fernandez and Hayes, *Beginning Spanish* (Houghton, Mifflin); Crow, *Spanish-American Life* (Holt).

L4-1. *Lecturer:* Prof. Robina E. Henry.

Place: Arts Building.

Time: Tuesdays, 8:15 p.m., beginning October 10th.

L4-2. *Lecturer:* Mr. G. F. Stegen.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning October 11th.

L4-3. SPANISH INTERMEDIATE (2nd year). 25 lectures of 1½ hours. Fee $28.00. Class limited. Prerequisite: at least one year's study of the Spanish language.

A second-year course presenting a rapid and effective method of study for students of Spanish who have mastered the main elements of grammar and pronunciation. Considerable written practice is given in grammar and syntax by means of translations and compositions. Particular importance is attached to oral work and the course in conducted, to a very large extent, in Spanish. As an introduction to the study of Spanish culture, the course includes the reading and discussion of a nineteenth century novel. At the end of the course students will be given the

opportunity of writing an examination. *Texts:* Tarr and Centeno, *A Graded Spanish Review Grammar* (Crofts); A. Palacio Valdés, *La Hermana San Sulpicio* (Holt); J. Robles, *Tertulias Españolas* (Crofts).
Lecturer: Mr. G. F. Stegen.
Place: Arts Building.
Time: Mondays, 8 p.m., beginning October 16th.

L4-4 and L4-5. SPANISH ADVANCED (3rd year) and SPANISH FINAL (4th year). 25 lectures of 1½ hours. Fee $28.00. Prerequisite: two or three years of Spanish studies, or equivalent.

This combined third and fourth year course includes advanced composition, the reading of short stories, novels and plays, modern Spanish idiom and conversation. Those who are in their fourth year of studies leading to the Certificate of Proficiency in Spanish will be required to study additional texts. *Texts:* Levy, *Present-Day Spanish* (Dryden); *An Omnibus of Spanish Prose* (Odyssey Press); *Cuentos Criollos* (Heath). *Extra texts for fourth year:* Benavente, *La fuerza bruta y Lo Cursi* (Austral); Palacio Valdés, *Marta y María* (Austral). *Reference Books: Pequeño Larousse;* Appelton's *New English-Spanish, Spanish-English Dictionary,* or University of Chicago *Spanish Dictionary;* Angel del Río, *Historiade la literatura española, Vol. II* (Dryden); Stirling, *The Pronunciation of Spanish* (Cambridge); Ramsay, *A Textbook of Modern Spanish* (Holt).
Lecturer: Prof. L. B. Harrop.
Place: Arts Building.
Time: Thursdays, 8:30 p.m., beginning October 12th.

A CERTIFICATE OF PROFICIENCY IN SPANISH will be granted on the successful completion of the above four Spanish evening courses. Students who have taken Elementary, Intermediate and Advanced Spanish in previous years may be granted credit up to the stage they have reached and allowed to continue at the next level. The certificate courses are designed to give students a thorough grounding in both oral and written Spanish. With the increasing cultural and business ties between Canada and Latin America, these carefully integrated courses leading to the Certificate should fill a need among business people and teachers as well as among those who want to use the language for travel or reading.

L4-6. SPANISH CONVERSATION. 25 lectures of 1 hour. Fee $19.00. Class limited. Prerequisite: one or two years of Spanish studies and some oral work.

This course, conducted entirely in Spanish, consists of purely oral work, and is intended to give students an opportunity to express themselves in Spanish. It will include group discussions on topics of general interest. While mainly a complementary course to Spanish Intermediate, it is also suitable for students who have already done two or three years of

Spanish studies and need oral practice. *Texts:* While no textbooks are assigned, students will be given advice regarding suitable reading material for improving their knowledge of the language.

Lecturer: Mr. G. F. Stegen.

Place: Arts Building.

Time: Wednesdays, 7 p m , beginning October 11th.

L5-1. ITALIAN ELEMENTARY. 25 lectures of 1 hour. Fee $19.00. Class limited.

This course for beginners will include grammar, reading, dictation and oral exercises, with special emphasis on inflection as well as pronunciation. Attention will also be given to developing skill in reading. The translation of some Italian short stories and songs will be undertaken towards the end of the course. *Texts:* J. L. Russo, *Elementary Italian Grammar* (Heath); E. Goggio, *A New Italian Reader for Beginners* (Heath).

Lecturer: Dr. J. Giuseppe Levi.

Place: Arts Building.

Time: Tuesdays, 7 p.m., beginning October 10th.

L5-2. ITALIAN CONVERSATION. 25 lectures of 1 hour. Fee $19.00. Class limited. Prerequisite: some knowledge of the Italian language.

From the beginning of this course, instruction will be given in Italian using a very simple vocabulary and sentence structure to enable students to make use of the Italian they know. Conservational practice in the vocabulary and phrases of everyday life leads to the development of an active command of the language through practice in hearing and speaking Italian and through exercises in composition, vocabulary and idioms. The course will also include dictation, reading of plays and poetry and group discussion on topics of general interest. Consideration will be given to the specific needs of the class. *Texts:* J. L. Russo, *Second Year Italian* (Heath); E. Goggio, *Six Easy Italian Plays* (Heath).

Lecturer: Dr. J. Giuseppe Levi.

Place: Arts Building.

Time: Tuesdays, 8 p.m., beginning October 10th.

L6-1. GERMAN ELEMENTARY. 25 lectures of 1 hour. Fee $19.00. Class limited.

This course offers an approach to the German language through reading and conversation. It aims at an understanding of the spoken word and of a simple modern text. A survey of the essentials of German grammar is supplied, in order to enable further independent study.

Lecturer: Prof. Bertha Meyer.

Place: Arts Building.

Time: Thursdays, 7:30 p.m., beginning October 12th.

L6-2. GERMAN INTERMEDIATE. 25 lectures of 1 hour. Fee $19.00. Class limited. Prerequisite: German Elementary, or its equivalent.

This course is intended as a continuation course for those who have had the beginners' course or its equivalent. It stresses conversation and the reading and understanding of modern German texts. Discussion of German grammar and syntax is encouraged.

Lecturer: Prof. Bertha Meyer.

Place: Arts Building.

Time: Thursdays, 8:30 p.m., beginning October 12th.

LAW

L10-1. COMMERCIAL LAW. (Commerce Evening Course No. C 231.) 25 lectures of 2 hours. Fee $40.00.

Syllabus: Law of Contracts, Sale, Agency, Partnership, Company Law, Negotiable Instruments, and Bankruptcy.

Lecturer: Prof. Philip F. Vineberg.

Place: Arts Building.

Time: Tuesdays, 7 p.m., beginning October 3rd.

LAW FOR THE LAYMAN. Three courses of 10 1½-hour lectures. Fee $15.00 each.

These courses are intended to cover, in a general non-technical manner, various legal problems which the ordinary citizen often meets. They will point out the problems and give suggestions as to what these problems really mean and how they should be dealt with. These courses are not intended to train lawyers or to replace them.

L10-2. This course will be introductory, giving an idea of where law comes from, the various courts, what is involved in a law suit, the function of the lawyer and his relationship to his client, some elements of obligations and contracts with particular reference to those the layman is likely to meet, and some comments on negligence and its results.

Lecturer: Mr. Alexander McT. Stalker.

Place: Arts Building.

Time: Tuesdays, 8:15 p.m., beginning October 10th.

L-10-3. This course, which builds upon the introductory course of the first term, will deal particularly with the family, its status and its members, marriage, divorce, etc., property in the family and the position of the wife, insurance, gifts, estates and wills, and succession duties.

Lecturer: Mr. Alexander McT. Stalker.

Place: Arts Building.

Time: Tuesdays, 8:15 p.m., beginning in January, 1951.

The third course, covering business law and law concerning real estate, will be offered in October, 1951.

LITERATURE

ENGLISH

L11-1. READING FICTION. 10 lectures of 1 hour. Fee $10.00. Prerequisite: Junior Matriculation.

This course of ten lectures is designed to increase readers' understanding and enjoyment of the art of fiction. The first three lectures will cover the great 19th century novelists, Emily Brontë, Dickens, Thackeray, and George Eliot. The next three lectures will cover certain prominent 20th century novelists: D. H. Lawrence, Aldous Huxley, Virginia Woolf, James Joyce, Somerset Maugham and Ernest Hemingway. The last four lectures will deal with the modern short story, chiefly in England and America: Sherwood Anderson, Katherine Mansfield, De Maupassant, K. A. Porter and others. The emphasis throughout the course will be on the creative method, prose style and narrative technique of the writers mentioned.

Lecturer: Miss Constance Beresford-Howe.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning October 11th.

L11-2. CONTEMPORARY DRAMA — or EUROPEAN AND AMERICAN DRAMA SINCE IBSEN 10 lectures of 1½ hours. Fee $15.00.

This course is a study of the modern drama in Europe and America, beginning with the revolution effected by Ibsen, Strindberg, Chekhov and Shaw, and considering several of the attempts to find a new dramatic form to express the tastes and problems of the twentieth century; naturalism, expressionism, epic theatre, surrealism and poetic drama.

Syllabus: Ibsen and the nineteenth century theatre; Strindberg, Zola and Becque; Chekhov and Schnitzler; Shaw and English realism; the Irish Renascence; German Expressionism—Wedekind to Brecht; "Pure Theatre"—Craig, Cocteau, Lorca ; Pirandello and Sartre; American drama after 1920—O'Neill; contemporary poetic drama.

Lecturer: Mr. Stephen Porter.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning October 11th.

L11-3. CANADA AND HER LITERATURE. 10 lectures of 1½ hours.

The course will deal in the main with Canadian literature in English. It will comprise: an historical survey from the beginnings to the present day; an analysis of Canadian society in relation to our literature; an examination of our literary achievement in the novel, the essay, poetry and the drama; some observations on the state and status of letters in Canada.

Questions such as the following will be used as a basis for class discussion: Why the adjective "Canadian"? How has Canadian Colonialism affected Canadian writing? What is meant by "a native literature"? What may be the relationship between "regionalism" or "nationalism" and literary production? Should American literature be taught in Canadian schools? How does foreign literature (European and American) affect Canadian writing? What is the function, in relation to Canadian letters, of the University *Quarterlies*, the popular magazines, the journal of opinion, the newspaper book columns, the "little magazines"? What is the state of literary criticism in Canada? How does the radio affect literary development in Canada?

Lecturer: Prof. Arthur L. Phelps.

Place: Arts Building.

Time: Mondays, 8:15 p.m., beginning in January, 1951.

L11-4. THE ENJOYMENT OF POETRY. 10 lectures of 1½ hours. Fee $15.00.

This course will consist of the reading and discussion of individual poems in an effort to discover the ways in which choice of language, metre, rhyme, and other such technical devices contribute to our total enjoyment of a poem. The course is designed not for the advanced student of literature but for all those who are interested in poetry and would like to develop a fuller appreciation of it. The greater part of each period will be devoted to group discussion and most of the selections for reading will be from well-known poets.

Lecturer: Miss M. E. Simpson.

Place: Arts Building.

Time: Mondays, 8:15 p.m., beginning October 16th.

L11-5. SHAKESPEARE'S 'KING LEAR': A DRAMATIC INTERPRETATION OF LIFE. 10 lectures of 1 hour. Fee $10.00.

In this course, the lecturer will discuss *King Lear* in considerable detail, interpreting it in the light of the latest Shakespearian scholarship. The lectures will be framed so as to be fully understandable by students who are not specialists in English Literature. *Text:* Ed. by G. L. Kittredge, *King Lear* (Ginn).

Lecturer: Prof. George I. Duthie.

Place: Arts Building.

Time: Mondays, 8:15 p.m., beginning October 16th.

FRENCH

L12-1. INTRODUCTION A LA LITTERATURE FRANCAISE MODERNE. 15 lectures of 1½ hours. Fee $17.00. Prerequisite: two years of French studies, or the equivalent, and good understanding of spoken and written French.

Each period will consist of a 45-minute talk by the lecturer, and 45 minutes of reading and comment, both including a free discussion in French.

Syllabus: The Romantic Movement in France. Victor Hugo, the leader and the poet. The Romantic novel: Vigny, Hugo, Dumas, Sand. Romantic poetry: Lamartine, Vigny, Musset. The achievements of the Romantic Movement in France; Gautier, a poet of transition. Balzac, the father of the modern novel. Stendhal, the novelist, and Mérimée, the master of the short story. Historians of the Romantic period: Thierry, Guizot, Michelet. Naturalism; literary criticism: Sainte-Beuve, Taine. Parnassian poetry: Leconte de Lisle, Hérédia, Sully Prudhomme. Realism in the novel: Flaubert, les Goncourt, Daudet. Naturalism in the novel: Zola, Maupassant, Huysmans. Symbolism: Baudelaire, the forerunner, followed by Mallarmé, Verlaine, Rimbaud. The new novel: France, Bourget, Barrès, Loti. Dramatic and other forms of literature; conclusion. *Text:* R. F. Bradley and R. B. Michell, *French Literature of the Nineteenth Century* (Crofts).

Lecturer: Mr. Tadeusz Romer.

Place: Arts Building.

Time: Tuesdays, 8:15 p.m., beginning October 10th.

L12-2. LES PROVINCES FRANCAISES ET LEURS ECRIVAINS. 10 lectures of 1 hour. Fee $10.00. Prerequisite: a fair standard of aural comprehension of French.

Each lecture of this course will give: a short description of a particular province of France; a brief mention of the more important writers which this province inspired; a number of short readings illustrating the main characters of the province seen through eyes of poets and novelists. The following provinces will be considered: 1. Bourgogne; 2. Lyonnais; 3. Provence; 4. Gascogne; 5. Bretagne; 6. Normandie; 7. Touraine; 8. Champagne; 9. Alsace; 10. Paris.

Lecturer: Prof. P. C. Nardin.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning October 11th.

L12-3. POETES FRANCAIS D'AUJOURD'HUI. 10 lectures of 1 hour. Fee $10.00. Prerequisite: A good standard of aural comprehension of French.

This course will be conducted entirely in French and aims at presenting a survey of French poetry today, beginning with Surrealism and its offshoots. Paul Claudel and his group will receive detailed attention. The "new poets": Henri Michaux, Paul Eluard, Patrice de la Tour du Pin, Pierre Emmanuel, et al. will be reviewed. The course will be illustrated with readings, records and discussions.

Lecturer: Prof. P. C. Nardin.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning in January, 1951.

L12-4. LE THEATRE FRANCAIS D'AUJOURD'HUI. 10 lectures of 1 hour. Fee $10.00. Prerequisite: a good standard of aural comprehension of French.

The French stage has been enjoying a post-war renaissance which has made it the preferred medium of intellectual life since 1944. This course aims at presenting a number of the best-known dramatists and some of their latest work. The following will be especially studied: Jean Anouilh, Marcel Achard, Armand Salacron, François Mauriac, Henri de Montherlant, Jean-Paul Sartre. A different play will be studied at each lecture. Readings will be given and discussed.

Lecturer: Prof. P. C. Nardin.

Place: Arts Building.

Time: Mondays, 8:15 p.m., beginning October 16th.

MUSIC

M1-1. UNDERSTANDING AND APPRECIATING MUSIC. 10 lectures of 1½ hours. Fee $15.00.

This course will take you one step further, beyond the mere liking of music. It will cover the evolution of music in an historical review, based on the analysis of vocal, instrumental, chamber and orchestral music. Popular theory and acoustics will be discussed in order to improve the listeners' technical knowledge about music. Some information will be given on the aesthetics and psychology of music. Serious and light music will be discussed and a theory advanced to explain why difficult music gains and popular music loses by repeated hearings. Suggestions will be made on how we may improve our musical taste.

Problems of interpretation will be discussed as will problems in musical notation. An approach to modern music will be given and a few contemporary compositions seldom performed in Montreal will be presented, with commentary.

Lecturer: Prof. István Anhalt.

Place: Conservatorium of Music, 3450 Drummond Street.

Time: Wednesdays, 8 p.m., beginning October 11th.

M1-2. MONTREAL'S MUSIC 1950-1951. 10 lectures of 1½ hours. Fee $15.00.

This course is designed expressly to give greater understanding and appreciation of the music to be presented in Montreal during the forthcoming concert season. Compositions of special interest will be given detailed analysis with reference to their structural design and historical importance. These talks will be timed to anticipate the programs of Les Concerts Symphoniques de Montréal, the McGill String Quartet, and the Little Symphony of Montreal. The lectures will be illustrated by phonograph recordings and, at several of the lectures, the principal player in one of the sections of the Symphony Orchestra will be on hand to answer questions and demonstrate his instrument.

Lecturer: Prof. Alexander Brott.

Place: Conservatorium of Music, 3450 Drummond St.

Time: Mondays, 8 p.m., beginning October 16th.

M1-3. FROM SPINET TO CONCERT-GRAND : FOUR CENTURIES OF PIANO MUSIC. 10 lectures of 2 hours.

In ten lecture-recitals an historical survey will be made of the development of Piano Music, from the English keyboard masters of the Elizabethan period to the present. The ten programmes will contain works by all those composers who have made important contributions to the Piano repertoire, among them: the sixteenth century Virginalists; the seventeenth century composers, Frescobaldi, Froberger, Kuhnau, Lully, Couperin; the familiar names of later years—Scarlatti, Bach, Bach's sons, Handel, Haydn, Mozart, Clementi, Beethoven, Schubert, Mendelssohn, Schumann, Chopin, Liszt, Brahms, Moussorgski, Balakirev, Debussy, Ravel, Busoni, Albeniz, de Falla; and the contemporaries, Stravinsky, Prokofieff, Hindemith, Bartok, Villa-Lobos.

Slides will be used to illustrate the growth of the instrument from the early spinets to the first concert-grands of Broadwood and Erard, around 1800. Some recordings of old music played on the old-type instruments will be included (e.g., excerpts from the Anthologie Sonore, Wanda Landovska's recording of Bach's Goldberg Variations, etc.).

Lecturer: Mr. Helmut Blume.

Place: Conservatorium of Music, 3450 Drummond Street.

Time: Thursdays, 8 p.m., beginning in January, 1951.

MATHEMATICS

M2-1. PRACTICAL NUMERICAL MATHEMATICS. 20 lectures of 2 hours. Fee $30.00. Prerequisite: a knowledge of Calculus.

This course aims to provide instruction in interpolation, smoothing of data and curve fitting, and practical numerical methods for the solution of algebraic, differential and integral equations; numerical solution of simultaneous linear equations, evaluation of determinants, characteristic roots, and harmonic analysis. *Text:* Milne, *Numerical Calculus* (Princeton University Press).

Lecturer: Prof. Edward Rosenthall.

Place: Engineering Building.

Time: Thursdays, 6 p.m., beginning October 12th.

M2-2. CALCULUS. 20 lectures of 2 hours. Fee $30.00. Prerequisite: High School Algebra.

The differential and integral calculus is a powerful tool of mathematics that allows us to treat in a quantitative way the phenomenon of continuous change in a dynamic universe. It has permeated modern thought to such an extent that it has become indispensable in many practical fields, as diverse as engineering and economics, not to speak of the sciences. The course offered here aims to give a thorough understanding of the concepts and ideas underlying the calculus, as well as a working knowledge of the methods and techniques essential to its application. In scope it will cover the equivalent of a second year college course in calculus. *Text:* Ross R. Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

Lecturer: Mr. Joachim Lambek.

Place: Engineering Building.

Time: Tuesdays, 7 p.m., beginning October 10th.

M2-3. INTRODUCTION TO DIFFERENTIAL EQUATIONS AND APPLICATIONS. 20 lectures of 2 hours. Fee $30.00. Prerequisite: introductory course in Calculus.

This is a first course in differential equations which is designed to illustrate the use and the methods of solution of the types of equations which occur in the different branches of engineering, physics and chemistry. The applications will include such topics as theory of damped vibrations, electrical circuit theory and elementary chemical kinetics. *Text:* L. M. Kells, *Elementary Differential Equations* (McGraw-Hill).

Lecturer: Prof. T. F. Morris.

Place: Divinity Hall, 3520 University Street.

Time: Wednesdays, 7 p.m., beginning October 11th.

M2-4. MATHEMATICS OF INVESTMENT. 20 lectures of 2 hours. Fee $30.00. Prerequisite: High School Algebra.

This course will cover simple and compound interest, discount, annuities, perpetuities, amortization, sinking funds, bonds, debentures, depreciation, probability and applications to life insurance. *Text:* H. Tate, *Interest, Annuities and Bonds* (Pitman).

Lecturer: Prof. Edward Rosenthall.

Place: Engineering Building.

Time: Mondays, 6 p.m., beginning October 16th.

M2-5. THE CALCULUS OF FINITE DIFFERENCES. 20 lectures of 2 hours. Fee $30.00. Prerequisite: Elementary Differential and Integral Calculus.

This course is intended, in part, to assist students who are preparing for the Actuarial Examination in this subject. It is an elementary course in Finite Differences and presupposes only a knowledge of elementary and intermediate algebra and an elementary course in calculus.

The course will include the following topics: Definitions and fundamental formulae; interpolation, Newton's Formula and applications; divided differences; Lagrange's Interpolation Formula; central differences; inverse interpolation; summation and miscellaneous theorems on summation; finite integration by parts; approximate integration, Simpson's and Weddle's rule; the Euler-MacLaurin Expansion and applications. Supervised problem-solving will occupy part of each lecture period. *Text:* Harry Freeman, *Mathematics for Actuarial Students* (Cambridge Univ. Press).

Lecturer: Professor C. D. Solin.

Place: Arts Building.

Time: Mondays, 6 p.m., beginning October 16th.

PHILOSOPHY

P1-1. PHILOSOPHY IN THE ANCIENT WORLD. 10 lectures of 1½ hours. Fee $15.00.

This course will start with an examination of the fundamental problems of ancient philosophy on the basis of selected readings from Greek thinkers. Owing to the necessity of choosing the most important subjects in a very large field, special emphasis will be laid upon the greatest thinkers, first of all upon Socrates, Plato and Aristotle. The post-Aristotelian thinkers will be considered only from the point of view of the development of the moral problem on the one side and of the epistemological problem on the other. On the whole an attempt will be made to explain the living connection between many problems of contemporary culture and ethics

and their original formulations in the ancient world, as well as the necessity for considering those formulations for a better understanding of the world in which we live.

Lecturer: Dr. Guido Calogero.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning October 11th.

P1-2. PHILOSOPHY IN THE MODERN WORLD. 10 lectures of 1½ hours. Fee $15.00.

This course is a survey of the main currents in European philosophy during the seventeeth, eighteenth and nineteenth centuries. The importance for philosophy of other modern activities, in particular the emergence and development of the sciences, will be considered. Special topics to be dealt with include: Descartes and the beginning of modern philosophy; the metaphysics and ethics of Spinoza; the development of British empirical philosophy through Locke, Berkeley and Hume; Kant's critical philosophy; the idealism of Hegel, and its expression in his theory of the state and of history; the Marxian interpretation of society and of history.

Lecturer: Prof. Cecil Currie.

Place: Arts Building.

Time: Wednesdays, 8:15 p.m., beginning in January, 1951.

PSYCHOLOGY

P2-1a. INTRODUCTION TO PSYCHOLOGY. 20 lectures of 1 hour. Fee $20.00. Class limited.

This course will consider the peculiarities of human behaviour and how psychology tries to explain them; the relationship of psychology to social problems, to education and medicine; perception, learning, memory, imagination, thought, motivation; emotion and emotional disturbances; intelligence and its measurement; personality and temperament. *Text:* Ruch, *Psychology and Life* (Scott, Foreman; in Canada, W. J. Gage & Co.)

Lecturer: Prof. Dalbir Bindra.

Place: Arts Building.

Time: Mondays, 7 p.m., beginning October 16th.

P2-1b. INTRODUCTION TO PSYCHOLOGY. Identical with the above.

Time: Mondays, 8 p.m., beginning October 16th.

Applicants must indicate clearly, when registering, the class they wish to take.

P2-2. ADOLESCENT PSYCHOLOGY. 20 lectures of 1½ hours. Fee $23.00.

This course is intended for those who took the course in Child Development last session and for others interested in the adolescent. It will cover human development from the age of ten to the age of twenty; physical growth; intellectual, emotional and moral development; social behaviour; adolescent maladjustment and delinquency.

Lecturer: Prof. Charles Wrigley.

Place: Chancellor Day Hall, 3544 Peel Street.

Time: Tuesdays, 8 p.m., beginning October 10th.

P2-3. SOCIAL PSYCHOLOGY. 20 lectures of 1½ hours. Fee $23.00.

This course will involve an intensive analysis of the "myths" used to explain why people behave the way they do in everyday life. Psychological, anthropological, philosophical concepts and aspects of daily life will be used in analyzing each of the doctrines of man. The effects of social institutions on personality development and behaviour as well as psychology of language, propaganda, education will be discussed with examples from the social scene.

Lecturer: Prof. A. S. Luchins.

Place: Arts Building.

Time: Thursdays, 8:15 p.m., beginning October 12th.

P2-4. BUSINESS AND INDUSTRIAL PSYCHOLOGY. 20 lectures of 1½ hours. Fee $23.00.

This is a survey course in the applications of psychological methodology to problems of business and industry; psychological aspects of industrial organization, employee attitudes and morale, employee testing and interview techniques, training, merit rating, wage and salary evaluation, fatigue and efficiency, industrial accidents, labour management relations, advertising and market research.

Lecturer: Prof. George A. Ferguson.

Place: Chancellor Day Hall, 3544 Peel Street.

Time: Mondays, 6 p.m., beginning October 16th.

P2-5. DEVELOPMENTAL PSYCHOLOGY. 15 lectures of 1½ hours. Fee $17.00. Class limited.

This course is intended primarily for Nursery School and Kindergarten teachers and has been arranged at the request of the Montreal Nursery School Association.

Syllabus: The dynamics of child behaviour: physical, mental, social and emotional development from birth to school age. Free and organized play as media of development. Understanding of the merits and limitations

of various techniques presently used to appraise the several phases of growth and development. Basic needs of the child relative to mental health. Common adjustment mechanisms. Recent studies of the influence of home and school environment on the young child. Home and school contacts. Mental health of the teacher.

Discussion periods and seminars will deal with current problems peculiar to Montreal nursery schools and to case studies raised by class members. *Text:* F. Goodenough, *Developmental Psychology*, 1945 edition (Appleton-Century).

Lecturer: Prof. P. A. Solberg.

Place: Chancellor Day Hall, 3544 Peel Street.

Time: Mondays, 8 p.m., beginning October 16th.

RELIGION

R1-1. THE PSYCHOLOGY OF RELIGION. 10 lectures of 1½ hours.

Religion, as an integral element in human experience, will be studied from the psychological point of view. The appearance of religion in human life will be presented in its historical, social and personal significance. An analysis will be made of the distinctively religious experiences such as faith, conversion, prayer and worship in the light of psychological science, and continual reference will be made to actual records of the various types of experience. The interests of church and social workers will be kept in mind and an endeavour made to show the relevance of religion in all the problems of human personality and character.

The topics to be covered are: The need for religion; faith; sin; conversion; imagination; prayer and worship; mysticism; psychiatry and religion; spiritual growth and maturity; reality in religion.

Lecturer: Prof. James S. Thomson.

Place: Divinity Hall, 3520 University Street.

Time: Wednesdays, 8 p.m., beginning in January, 1951.

R1-2. COMPARATIVE RELIGION : SOME GREAT RELIGIOUS PERSONALITIES. 10 lectures of 1½ hours. Fee $12.00.

This course is designed to introduce the chief religions of the Orient by means of a presentation not of their founders, scriptures, or creeds, but of outstanding persons from among their adherents—ten men whom one or other of these religions has made great. Each illustrates what in one particular case his religion has meant in human terms. An attempt will be made to include with each biography enough historical background to make the figure concerned intelligible and vital. Those chosen range from kings to social revolutionaries, from scholastic philosophers to poets, from the second millenium B.C. to the contemporary world. With the technical exception of the first, an isolated figure who

is perhaps the most interesting individual in religious history before the rise of the great religious systems, all the persons are of prime importance in the history of their own faith.

These men are: Ikhnaton, 14th century B.C.; Pharoah of Egypt. Chuang Tze, 4th century B.C.; Chinese Philosopher; Taoist. Asoka, 3rd century B.C.; Indian king; Buddhist. Muhammad Abu-l-Khattab, 8th century A.D.; Arab heretic and leftwing political organizer. Al-Ghazzali, 11th century; Perso-Arab intellectual; Muslim. Ramanuja, 12th century; Indian preacher; Hindu. Chu Hsi, 12th century; Chinese philosopher; Confucian. Jalalu-d-Din Rumi, 13th century; Persian poet; Muslim. Nichiren, 13th century; Japanese monk; Buddhist. Gandhi, 20th century; Indian politician; Hindu.

Lecturer: Prof. Wilfred C. Smith.

Place: Divinity Hall, 3520 University Street.

Time: Mondays, 8 p.m., beginning October 16th.

R1-3. INTRODUCTION TO ISLAM. 10 lectures of 1½ hours.

Islam (or Mohammedanism) is the most widespread of the non-Christian religions, and politically by far the most important. Two generations ago some outsiders called it static and thought it moribund; today it has sprung into lively activity. Of all the great religions of the Orient it comes much the closest to ourselves,—both culturally, since Muslims, like us, are heirs to both Greek thought and Old Testament monotheism; and physically, since throughout their long career Muslims and Europeans have been in contact, often conflict. In fact, this closeness has often led to friction and estrangement rather than to understanding. The course is designed to give an introductory over-all picture of the present-day Muslim world, its past history, and its religion.

Syllabus: The world into which Islam was born — the Byzantine Empire; the Sasani Persian Empire; Christians, Jews, and Zoroastrians in the 7th century; Arabia before Muhammad. The Prophet Muhammad. The Qur'an. The formative period of Islamic history — Arabic civilization to the 10th century. Later Islamic history — from the 11th to the 19th centuries; the later Arabs; the Crusades, from the Muslim point of view; Chingiz Khan and the Mongols; the Persians and their art and culture; the Turks and the Ottoman Empire; Islam in Africa, India (Mughul civilization), the Far East. Islamic theology and Muslim beliefs. Islam law — Muslim practice, ethics, society. Islamic mysticism. A survey of the present-day Muslim world — North Africa, the Near East, the Middle East, Indo-Pakistan, and Indonesia; Muslims in the U.S.S.R. and China; Muslims in the rest of the world.

Lecturer: Prof. Wilfred C. Smith.

Place: Divinity Hall, 3520 University Street.

Time: Mondays, 8 p.m., beginning in January, 1951.

SOCIAL SCIENCE

S1-1. MODERN SOCIAL THOUGHT AND EXPERIMENTS I. 10 lectures of 1½ hours. Fee $15.00.

This course is designed to trace the development of social philosophy from the forerunners of Marx to the present day, and thus show the variety of approach to social problems and the different solutions offered and opposed by various schools of thought during the last century. It will be shown that the gradual understanding and analysis of constantly new problems in a nation's economic life has produced new theories and led, step by step, to a decided improvement in economic conditions and welfare in the modern state. References to the development of protective labour and social security legislation will illustrate the progress of modern civilization and show the impact of social philosophy, sociology, and other social sciences on our daily life.

Syllabus: Society at the beginning of the 19th century; the ideological heritage and the philosophical background of 19th century philosophy; the pre-Marxian "socialists"; the teachings of Marx; the influence of Marxian theory and of Marxists on the labour movement; trade-unionism, labour parties and social legislation.

Lecturer: Dr. R. H. Mankiewicz.

Place: Arts Building.

Time: Thursdays, 7:30 p.m., beginning October 12th.

S1-2. MODERN SOCIAL THOUGHT AND EXPERIMENTS II. 10 lectures of 1½ hours Fee $15.00.

This course is a continuation of the above series of lectures on 19th century thought. This series is complete in itself and should be helpful to anyone who tries to follow current events and to understand the present-day social movement of Europe and America.

Syllabus: English Fabianism and the growing Labour Movement up to 1914; French Socialism and socialists under the Third Republic; Germany's social evolution and its contribution to social philosophy before World War I; social problems and progress in the U.S.A. before 1930; the economic approach to modern social problems; social experiments between the wars.

Lecturer: Dr. R. H. Mankiewicz.

Place: Arts Building.

Time: Thursdays, 7:30 p.m., beginning in January, 1951.

SOCIOLOGY

S2-1. THE STUDY OF MAN. 15 lectures of 1½ hours. Fee $17.00.

This course is designed to serve as an introduction to the science of Anthropology. While some attention will be given to the evolution of man and the differentiation of the races, the major emphasis will be upon the cultural adjustments which "native" peoples have developed in relation to subsistence, education, social and political organization, and religion. Some attention will also be given to the problems of culture change, especially those resulting from the contact of native cultures with Euro-American civilization.

Lecturer: Prof. Fred Voget.

Place: Arts Building.

Time: Tuesdays, 8:15 p.m., beginning October 10th.

S2-2. PATTERNS OF CULTURE. 15 lectures of 1½ hours. Fee $17.00.

The course will present an analysis of 15 "native" cultures drawn from Africa, Australia, India, North America, South America, Melanesia, Polynesia, and the Philippines. Special attention will be given to the dominant interests which set the tone for the culture as a whole. The course will also include a treatment of the individual in relation to his culture and the "typical personality" which tends to result.

Lecturer: Prof. Fred Voget.

Place: Arts Building.

Time: Thursdays, 8:15 p.m., beginning October 12th.

S2-3. CRIME IN MODERN SOCIETY. 15 lectures of 1½ hours. Fee $17.00. Prerequisite: High School graduation (or equivalent).

This course will consist of a consideration of two major problems: (a) factors and processes in criminal behaviour; (b) the relation between certain characteristics of modern society and both the amount and nature of modern crime.

Syllabus: The main topics to be covered are: Crime as a social problem; the "causes" of crime; the development of criminal behaviour; crime as a business; modern society and crime; problems related to crime; the prevention and control of crime. *Text:* W. C. Reckless, *The Crime Problem* (Appleton-Century-Crofts).

Lecturer: Prof. Bernard N. Meltzer.

Place: Arts Building.

Time: Tuesdays, 8 p.m., beginning October 10th.

THEATRE

T1-1. THE STORY OF THE THEATRE AND STAGECRAFT. 15 lectures of 1½ hours. Fee $17.00.

A survey of the physical change and development of the theatre; and of the methods and techniques used in staging plays from early Greek times through the mediaeval and Elizabethan periods to the present. This course answers the question, "How did the modern theatre evolve?"

Lecturer: Mr. A. J. H. Pullinger.

Place: School of Architecture, 3484 University Street.

Time: Thursdays, 8 p.m., beginning October 12th.

T1-2. PLAY PRODUCTION. 15 lectures of 1½ hours. Fee $17.00.

This is a practical course on how to produce a play. Consideration will be given to all the organizational, technical, and artistic problems which must be faced and solved by producer, director, and staff; with emphasis on the general organization of personnel, the art of acting and directing, the technique of "mounting" a play, and in general the adaptation of the best professional standards and methods to amateur productions.

Lecturer: Mr. A. J. H. Pullinger.

Place: Arts Building.

Time: Tuesdays, 7 p.m., beginning October 10th.

SCHOOL OF COMMERCE EVENING COURSES

General

Evening Courses in Accountancy and allied subjects have been established by the School of Commerce in co-operation with the Accountancy Associations of the Province of Quebec. These courses are available to student members of these associations and to other persons interested in continuation study along the lines indicated by the courses listed below.

Students registered with one of the accountancy associations should plan their courses in accordance with the requirements of the diploma for which they are working, so that they will not have more than six class hours in a week.

In addition to the association qualifying examinations, the University gives an examination at the end of each course and grants a certificate to candidates who pass the examinations.

Attendance

Students who are absent for more than one-eighth of the classes and do not have a proper written excuse, such as a medical certificate or a letter from their firm showing that their duties prevented attendance, will not be allowed to sit for the course examinations.

Registration

Registration by mail starts September 11th. Telephone the School of Commerce — MA 9181, local 450 — for a blue registration card. Fill in all four sections of the card and mail with your cheque or money order (payable to McGill University) to the School of Commerce. Although registration by mail is advisable, students may register at the University during the day or evening as follows:

September 25th to October 27th, except Saturdays.

Day Registration: *Third Floor*, East Wing, Arts Building, 9 a.m. to 4 p.m.

Evening Registration: *First Floor*, East Wing, Arts Building, 6:30 to 8 p.m.

COURSES

Course No.	Course	No. of Lectures	Time	Fee
C 101	Elements of Accounting	25	2 hours	$35.00
C 111	Mathematics { Elementary Algebra	30	1 hour	40.00
	Mathematics { Mathematics of Finance	30	1 hour	
C 121	Economics	20	1 hour	20.00
C 201	Intermediate Accounting, Part I	25	2 hours	40.00
C 231	Commercial Law	25	2 hours	40.00
C 241	Duties of Secretaries of Joint Stock Companies	20	1½ hours	25.00
C 211	Final Mathematics	40	1 hour	30.00
C 301	Intermediate Accounting, Part II	25	2 hours	40.00
C 302	Intermediate Auditing	25	2 hours	40.00
C 401	Final Accounting and Auditing, Part I A	25	2 hours	60.00
C 402	Final Accounting and Auditing, Part I B	25	2 hours	
C 501	Final Accounting and Auditing, Part II A	25	2 hours	60.00
C 502	Final Accounting and Auditing, Part II B	25	2 hours	
I 3-3	Labour and Industrial Legislation	20	2 hours	30.00
C 451	Fundamentals of Cost Accounting	30	1 hour	25.00
C 551	Advanced Cost Accounting	30	1 hour	25.00
C 561	Industrial Management	15	2 hours	25.00

The above courses start the week of October 2nd, 1950.

For further information regarding evening Commerce Courses, please telephone the School of Commerce, MA 9181, Local 450.

FOR INFORMATION CONCERNING ALL OTHER COURSES LISTED IN THE ANNOUNCEMENT, PLEASE TELEPHONE THE EXTENSION DEPARTMENT, MA 9181, LOCAL 304.

Архивът адвокатура



THE ARTS BUILDING

McGILL UNIVERSITY

MONTREAL, CANADA

Faculty of Arts and Science



FRENCH
SUMMER SCHOOL

Director

PROFESSOR J. E. L. LAUNAY

28th June - 10th August

1950

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (*available for distribution only to libraries and officials of certain institutions*)

ADMINISTRATIVE OFFICERS

Chancellor of the University:

THE HON. ASSOCIATE CHIEF JUSTICE O. S. TYNDALE, B.C.L., M.A. (McGill), D.C.L. (McGill, Bishop's, and Montréal), LL.D. (Glasgow)

Principal and Vice-Chancellor of the University:

F. CYRIL JAMES, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur

Dean of the Faculty of Arts and Science:

H. N. FIELDHOUSE, M.A. (Oxon. and Sheffield), F.R.S.C.

Director of the French Summer School:

J. E. L. LAUNAY, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Certificat d'Aptitude à l'Enseignement dans les Lycées, Agrégé de l'Université de France; Professor of French Language and Literature and Chairman of the Department of Romance Languages

Assistant Director of the School:

MME. L. TOUREN-FURNESS, B.-ès-L., Licenciée-ès-Lettres (Paris); Associate Professor of French

Comptroller and Executive Assistant to the Principal:

S. H. DOBELL, D.S.O.

Bursar of the University:

WILLIAM BENTLEY, C.G.A., A.C.I.S.

Registrar of the University:

T. H. MATTHEWS, M.A.

Chief Accountant:

G. A. GRIMSON, B.Com.

Secretary of the French Summer School:

MISS DOROTHY SMYTH, B.A. (Toronto).

OFFICERS OF INSTRUCTION

Jean E. L. LAUNAY, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Certificat d'Aptitude à l'Enseignement dans les Lycées, Agrégé de l'Université de France; Professor of French Language and Literature and Chairman of the Department of Romance Languages, McGill University; *Director of the School*

Mme. L. TOUREN-FURNESS, O.I.P., B-ès-L., Licenciée-ès-Lettres (Paris), Associate Professor of French, McGill University; *Assistant Director of the School*

Lucien WOLFF, Agrégé de l'Université de France, Docteur-ès-Lettres, Late President of the University of Rennes (France) and Visiting Professor of French Literature at Buffalo, Cornell, and Wisconsin Universities and the University of California at Berkeley; *Visiting Professor for 1950*

Marc CHADOURNE, B.-ès-L., Licencié-ès-Lettres (Paris), Licencié en Droit (Paris), Grand Prix du Roman de l'Académie Française, Prix Fémina-Vie Heureuse; late Professor of French at the University of Utah; Professor of French and Chairman of the Department, Connecticut College for Women, New London, Conn.

Paul CHAVY, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Agrégé de l'Université de France; Professor of French and Chairman of the Department, Dalhousie University, Halifax, N.S.

Mlle. Henriette DINET, B.-ès-L., Licenciée-ès-Lettres (Bordeaux); Teacher of French, St. Helen's School, Dunham, Quebec

Mlle. Geneviève DUSSAIGNE, B.-ès-L., Licenciée-ès-Lettres (Paris), Diplômée de l'Institut d'Art et d'Archéologie et de l'École du Louvre (Paris); Professeur de Lettres au Collège Marie de France, Montréal

Jacques FONTANET, B-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris); Instructor in French, Princeton University, Princeton, N.J.

Mlle. Elizabeth LA MOTHE, Diplômée d'Études Supérieures de Lettres (Université de Montréal); Teacher of French, Trafalgar School, Montreal

George LITTLE, L.Mus., B.Mus. (Dalhousie), Mus. Bac. (Toronto); Élève de Marcel Dupré au Conservatoire National de Paris

Mlle. Geneviève MAZARS, B.-ès-L., Licenciée-ès-Lettres (Toulouse); Lecturer in French, McGill University

Pierre C. NARDIN, B.-ès-L., Licencié-ès-Lettres (Nancy), Diplômé d'Études Supérieures (Besançon), Agrégé de l'Université de France, Docteur-ès-Lettres; Professor of French Language and Literature, McGill University

Mlle. Marie-Thérèse REVERCHON, B.-ès-L., Licenciée-ès-Lettres (Paris), Diplômée d'Études Supérieures (Paris), Certificat d'Aptitude à l'Enseignement dans les Lycées, Agrégée de l'Université de France; Instructor in French, Elmira College, Elmira, N.Y.

André A. RIGAULT, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Diplômé de l'École de Préparation des Professeurs de Français à l'Étranger (Paris), Diplômé de l'Institut de Phonétique de l'Université de Paris; Assistant Professor of French, McGill University

Thaddé ROMER, Licencié-ès-Sciences Politiques et Sociales (Lausanne); Lecturer in French, McGill University

François-Xavier TRICAUD, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Agrégé de l'Université de France; Professeur de Philosophie au Lycée Français de New York, New York City

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In addition to the regular Resident Staff, Assistant Instructors will be appointed as necessary, in order to keep the conversation groups down to a size compatible with maximum teaching efficiency. These Assistant Instructors will also be available for individual coaching and will take part in extra-curricular activities.

GROUP LEADERS

The *French Song Groups* will be under the direct supervision of M. George Little.

The *French Dramatic Group* will be under the direct supervision of M. André Rigault.

The *French Fine Arts Group* will be directed by Mlle. Geneviève Dussaigne.

The Editor of *Chantecler* (the weekly French paper produced by the Staff and Students of the School) will be M. Paul Chavy.

VISITORS

As in the past, the School will have the honour of entertaining French diplomatic representatives and other distinguished French and Canadian men and women residing in or passing through Montreal. All students will have an opportunity of conversing with the visitors and asking them questions on subjects of topical interest.

The School extends a cordial invitation to American University Instructors and Professors of French who may be spending their vacations in Canada. They will always be welcome at the School, and the Director will be glad to authorize them to attend any lectures or functions in which they may be interested.

"MONTRÉAL,— UNE GRANDE MÉTROPOLE DE PRÈS D'UN MILLION ET DEMI D'HABITANTS, DONT LES DEUX-TIERS SONT DES CANADIENS DE LANGUE FRANÇAISE. . . . CE N'EST PAS SANS RAISON QUE L'ON A PU DIRE: MONTRÉAL EST LA PLUS GRANDE VILLE DE FRANCE APRÈS PARIS."

THE FRENCH SUMMER SCHOOL OF McGILL UNIVERSITY

The McGill French Summer School is an old-established School. It is an integral part of the Faculty of Arts and Science of McGill University, and the courses of study are of college and university standard.

THE UNIVERSITY AND ITS CULTURAL ENVIRONMENT

McGill University was established by Royal Charter in 1821 and carries on in Canada British traditions of education. It is situated in Montreal, the largest city of the historic Province of Quebec, where the language and much of the culture of old France persist. Montreal is a modern cosmopolitan city, too, the centre of an active and growing contemporary culture which expresses itself in a distinctive literature and art.

The French Summer School of the University, the only summer course of studies offered by the University in Montreal, enjoys great advantages in consequence of its situation in Montreal and French Canada. Nowhere save in the Province of Quebec can we find on the North American continent a community that uses French as its native tongue, finds its inspiration in French literature and drama, and obtains its daily news from French newspapers and French radio announcers. The environment naturally has a French atmosphere.

THE AIMS OF THE SCHOOL

The School is designed for all who desire to take courses of lectures on French thought, literature, or civilization, and at the same time gain a practical working knowledge of the language. University or college undergraduates may take lectures and language courses which are equivalent to regular college courses. University graduates and teachers of French desirous of perfecting their knowledge of the language and literature have an opportunity to take advanced courses of graduate standard. Those who desire to study for a Master's degree at McGill University itself without being able to attend the regular winter sessions of the University are offered a programme which can be spread over four summers and which, when supplemented by the regular thesis in French, leads to the McGill M.A. degree. Besides those with such professional interest, there are many who love the language and literature of France for its own sake and wish to continue studying the subject in favourable surroundings. The School accommodates these persons in its courses insofar as they are qualified for the particular courses they wish to take.

FEATURES OF THE 1950 SESSION

1. *Residence*

For the first time in many years the French Summer School students and staff will all live together in the same building, the newly enlarged Royal Victoria College. However, the accommodation plan devised in 1948 to help students keep to the *NO ENGLISH RULE* will be adhered to. Students of the same sex who have enrolled for the same Section will occupy as far as possible rooms on the same floor or in the same wing. Two common rooms will also be used and each will have its French newspapers, magazines, phonographs, records, etc.

2. *Lecturers*

Lack of space prevents giving more personal details about the teaching staff of the School than appear on the list of Officers of Instruction. A few words should, however, be said about those who will deliver the evening lectures.

The Visiting Professor, Dr. Lucien Wolff, was for many years Professor of English Literature and Dean of the Faculty of Arts of the University of Rennes, where his scholarly publications on the English Romantic poets, particularly John Keats, and his translations of novels by George Meredith and H. G. Wells, earned him a high reputation. He was appointed *Recteur* of the University in 1944 and in this capacity was called upon to re-organize all the educational facilities in the war-devastated Province of Brittany. From 1946 to 1949 he was Visiting Professor at three great United States universities and toured the country from coast to coast as a lecturer. He returned to France recently and will bring to the School the latest cultural information on the country.

M. Marc Chadourne's reputation as a writer was recognized by the award of *Le Grand Prix du Roman de l'Académie Française* for his novel *Vasco* in 1927. In 1930 he received the *Prix Fémina-Vie Heureuse* for *Cécile de la Folie* and he has published since then a number of successful novels. M. Chadourne is widely travelled, and as a colonial administrator has made special studies of Africa and the Far East. He came from Indo-China in 1940 to take up an academic career on this continent. He is now in Paris gathering material for a new book and renewing his contacts with the literary world. He is a close personal friend of André Gide.

M. Pierre Nardin, a mediaeval scholar, is a newcomer to the American scene, being the first occupant of the chair of French Mediaeval Literature and Philology at McGill University. His arrival has made it possible for the Department of Romance Languages to offer a Ph.D. degree in French which, however, will not be available through the French Summer School.

M. Jean Mouton selected French Art as his special field when first appointed at the French Institute of Ghent, Belgium. He then went to Roumania and became Director of the French Institute of Belgrade, where during the last war he lived first under German, then under Russian, occupation. In 1947, he was appointed *Conseiller Culturel* for Sweden and in 1948 came to Canada in the same capacity. He is a staunch friend of the School and will welcome inquiries from students about scholarships and educational facilities in France.

3. *French Song Groups*

The School is glad to welcome back Mr. George Little, who will fly from France to direct the Song Groups which were so successful under his leadership in 1948. The value of singing in a foreign language as an approach to the sounds and rhythm of the language cannot be too much stressed, and all students are advised to avail themselves of this opportunity to learn French *'par la joie'*.

4. *Art Courses*

One of the objects of the School is to offer courses in subjects not usually found in College or University curricula. The integration of music and the fine arts to French life and culture is a subject well worthy of study, and for that reason one Art course is offered in each Section.

5. *Special Lectures for Teachers of French*

Lectures on educational methods were given last year as an experiment. They were received with enthusiasm and clearly answered a need. A new set will be given this summer by the School staff and educational experts from outside.

THE THREE COURSES OF STUDY

The individual courses consist of three class sessions per week in the form of lectures and of small groups for language practice. They are arranged in three grades which are designated respectively as Sections A (Elementary), B (Intermediate), C (Advanced).

A student who has passed five courses in Section C is considered to have completed the equivalent of a full honours or graduate course in the regular college session.

Courses in Section C are counted, in certain circumstances, toward the M.A. degree in French at McGill University (see page 4029).

For M.A. students special research colloquia may be arranged.

ADMISSION REQUIREMENTS

General: For the courses of each section of study (Elementary, Intermediate, and Advanced) there are certain admisson requirements which are described below in terms of college standing, but the School accepts any equivalent preparation through travel or residence in France or through private study. No beginners are admitted, as a working, even if limited, knowledge of the language is required for admission to Section A. On the day of registration each student is interviewed by members of the Advisory Board who recommend the section for which he is best suited.

Section A (Elementary):

Candidates are normally required to have completed two years of high school French, or one year of College French, or the equivalent.

Section B (Intermediate):

Candidates are normally required to have second or third year college standing. They must have a fair knowledge of French and some degree of facility in the spoken language.

Section C (Advanced):

Candidates are normally required to have fourth year college standing. They must have the ability to speak French fluently and have a general knowledge of French literature.

OPENING DATE

The School will open on Wednesday, June 28, and close on Thursday, August 10.

Students in residence at the French House will be permitted to spend the night of June 27-28 in the residence *provided* they give due warning to the School Secretary and arrive between 5 P.M. and 10 P.M. on June 27.

No meals will be served before breakfast on June 28.

REGISTRATION

Registration will take place in the Gymnasium on the second floor of the Royal Victoria College.

Students will register according to the following schedule:

Resident Students:

(*a*) *Section A students* will register on the morning of June 28 from 9.30 A.M. to 12.30 P.M.

(*b*) *Section B and Section C* students will register on the afternoon of June 28 from 2.30 P.M. to 5.30 P.M.

Non-resident Students:

All non-resident students will register on the morning of June 28 from 9.30 A.M. to 12.30 P.M.

Lectures will begin at 9 A.M. on Thursday, June 29. The Opening Ceremony will take place in the evening of Thursday, June 29, in Moyse Hall (Arts Building).

Special arrangements will be made for teachers who are unable to leave their duties in time to reach Montreal for registration on the first day, provided they give due notice of the delay in their arrival.

FEES

Tuition fee for full-time students	$115
Residence (room and board)	135
Fee for a three-hour course taken as a partial course	30
Deposit fee required on application and afterwards deducted from total fee	15

As the Announcement goes to press, there is a premium of 10% on the U.S. dollar.

Students should pay all fees in cash or by cheque at the time of registration.

After registration has taken place, no fees will be refunded to any student who:

(*a*) leaves the School without permission of the Director or Assistant Director;

(*b*) is dismissed from the School by the Dean.

Should a student's presence be required at home during the session (in case of illness or domestic affliction), he must first obtain permission to leave from the Director or the Assistant Director. A refund of fees may later be arranged according to the circumstances of each individual case.

FEES FOR M.A. STUDENTS (see page 4030)

CORRESPONDENCE

All correspondence concerning the French Summer School should be addressed to the Secretary, French Summer School, Arts Building, McGill University, Montreal 2, Canada.

APPLICATION FORMS AND DEPOSITS

Application for admission should be made on a form which may be obtained from the Secretary.

Applications, accompanied by a deposit fee of $15.00 in Canadian funds, should be received before June 15. The deposit fee will subsequently be deducted from the candidate's fee. It may be withdrawn on or before that date. In case of cancellation after June 15, it will be held until the following session, after which it will be forfeited.

Students intending to stay in the French House should apply as early as possible.

VETERANS

The School has been approved as one of the recognized institutions where U.S.A. and Canadian Veterans may continue their studies. The school tuition fees will therefore be paid by the Department of Veterans' Affairs provided that:

(*a*) U.S. students obtain a Certificate of Eligibility from their local Veterans' Administration Agency.

(*b*) Canadian students obtain a Certificate of Eligibility from their local D.V.A. representative.

The Certificate of Eligibility should be delivered to the Cashier at the time of registration.

Veterans will be required to pay the $15 deposit fee, which will be deducted from the residence charge which will NOT be paid for by D.V.A.

STATUS OF STUDENTS IN THE SCHOOL

(1) Regular, or full-time, students: those paying the full tuition fee and taking the number of courses necessary to qualify for the Certificate.

(2) Partials: those registering for fewer than five courses.

M.A. students are considered as full-time throughout the four sessions leading to the degree, since they pay the full tuition fee.

A partial student may not hold a scholarship.

Rooms are reserved for full-time students only. Partials may be accommodated in the French House only after the registration of regular students has been completed and if space permits.

SCHOLARSHIPS AND PRIZES

The School offers a limited number of Resident Scholarships to College and University students qualified to enter Section B or C. The value of these Scholarships is usually $100.

The French Government offers, in addition, three Scholarships of $100 each.

Application for Scholarships (together with supporting letters of recommendation) must reach the School Secretary on or before May 15, 1950. Successful applicants will be notified before the end of May.

A number of prizes, consisting of books and medals, will be awarded to those students achieving the best results in all of the three sections.

FINAL EXAMINATIONS

A final examination is held in each course at the end of the session. Students are strongly recommended to take the final examinations, which are open to partial as well as to full-time students.

Students who fail to write examinations receive no marks, and their work and progress at the School cannot be assessed formally.

No substitute examinations can be arranged in any circumstances whatever.

THE FRENCH SUMMER SCHOOL CERTIFICATE

The curriculum leading to the French Summer School Certificate in any of the three Sections is a definite programme of study which always includes practical work with the language. It aims at building an organized knowledge of the major aspects of the subjects. At the same time it is sufficiently flexible to be adapted to the previous training, aptitudes, and interests of individual students. For this reason members of the Staff advise each student at Registration. Their guidance is also available to those who do not wish to try for the Certificate.

The Certificate is a document bearing the signatures of the Dean of the Faculty of Arts and Science, the Registrar of the University and the Director of the School. It is a record of the courses taken and the grades obtained in the final examinations.

In order to qualify for the Certificate:

Students in Section A must take and pass 6 examinations (5 if they have taken Course 1).

Students in Section B must take and pass 6 examinations.

Students in Section C must take and pass 5 examinations.

A First Class Certificate is awarded for results averaging not less than 80%.

A Second Class Certificate is awarded for results averaging between 79% and 65%.

A Third Class Certificate is awarded for results averaging between 64% and 50%.

STATEMENTS OF EXAMINATION RESULTS

Students failing to qualify for a Certificate (either because they took less than the prescribed number of examinations, or because their results were poor) receive a Statement of Examination Results. This is a document signed by the Director of the School which lists the examinations passed by a student. Failures are not listed.

ACADEMIC CREDITS

Credits may be transferred from the French Summer School to other institutions, usually on the basis of one semester hour for each course taken.

Application for transfer of credits should be addressed to the Registrar of the University, who will forward an official transcript of French Summer School grades on payment of a fee of $1.00. Students who intend to apply such credits towards a degree are recommended to obtain the consent of their own institution to the transfer of French Summer School credits before joining the School.

THE FRENCH HOUSE

The residence used as a French House during the 1950 session of the School will be the Royal Victoria College.

The Royal Victoria College is a spacious, fireproof building situated at the corner of Sherbrooke and University streets, on the southern edge of the University campus. During the winter session it is used as the University Residence for women undergraduates and it is known for its comfort and modern appointments, which include a gymnasium, a new cafeteria, and a number of sitting rooms particularly well suited to group meetings. A new wing has just been completed which has more than doubled its capacity. This residence is conveniently close to the Arts Building and to shopping and social centres.

The French House is open to men and women students. Each student will have his own study-bedroom. A small number of double rooms is available. These will be allotted last, unless specially requested. Married couples can be accommodated provided that one of them at least registers as a full time student, and the other knows enough French to be able to adhere to the *NO ENGLISH RULE*, which will be strictly enforced. No

reduction in the residence fee will be allowed to occupants of a double room, as rooms will be allotted strictly in accordance with the date of admission to the School.

The rooms are completely furnished. Linen, towels, and blankets are provided. Meals (breakfast, lunch, dinner) are served on the cafeteria system every day, including Sunday.

All members of the teaching staff are in residence and associate freely with students at meals, in the Common Rooms, and in extra-curricular activities. This constant, helpful, and friendly relationship between students and staff is one of the most valued features of the School and the benefits derived by the students from such informal education cannot be too strongly emphasized.

CARS

Parking space being severely limited on the Royal Victoria College grounds, students will not be allowed to park their cars around the building. Ample parking space will be available on the University Parking Grounds, which lie on the edge of the campus 200 yards North of the Royal Victoria College.

ARRANGEMENTS FOR STUDY AND RECREATION

Regular lecture classes are held in the Arts Building, in the centre of the University campus. The Redpath Library, nearby, is open to all students for reading and study every day of the week from 9 a.m. to 5 p.m.

The mornings are devoted to lectures from 9 a.m. to 1 p.m. Students are required to attend all the lectures for which they have registered.

The afternoons are free for private study and recreation. However, students *should* attend:

(*a*) *The French Song Groups*, directed by Mr. George Little, which will meet every week day in the Common Room at 2 P.M.

Monday, *Wednesday* and *Friday* meetings will be exclusively for Section A students.

Tuesday and *Thursday* meetings will be for Section B and Section C students only.

(b) *Conversation groups* which will meet under a number of Instructors at 2 P.M. three times a week.

Some afternoons will be set apart for conducted visits through the French district of Montreal, the French-Canadian Université de Montréal, and points of interest in and out of the city.

During the evenings there will be:

A weekly sing-song.

Performances of French plays by staff and students.

Concerts of recorded French music with commentaries by Instructors.

A concert by the students.

Two or three dances.

In addition, the City of Montreal offers a number of popular attractions, such as the weekly open-air "Concerts Symphoniques" given in the evening on Mount Royal, the open-air Opera in the Molson Stadium below Douglas Hall, and scores of French restaurants and motion-picture theatres.

For those with a taste for athletics, the University tennis courts are available on payment of a small fee. The Laurentian Mountains, one of Canada's noted summer play-grounds, are within easy reach by car or train for students who would like to spend short week-ends there.

Those who wish to attend religious services with a French congregation will find both Protestant and Roman Catholic churches in Montreal.

USE OF FRENCH

Since the French Summer School aims at creating and preserving the spirit and the atmosphere of a French University best suited to needs of originally English-speaking students, it is natural that French should be the only language spoken, to the exclusion of all others.

The exclusive use of French *at all times*, in and out of class, and especially in the French House, is therefore *absolutely compulsory*.

On registering, students will sign a form pledging them to the *NO ENGLISH RULE* for the duration of the session. This rule will come into force immediately after registration (which has to be carried out in English). The rule means that students are in honour bound to speak French when conversing among themselves as well as when talking to the staff. It should not even be necessary to depart from the rule when visiting or shopping in the city of Montreal where French is universally spoken.

The rule may be relaxed in special cases only (illness, visits from and to relatives, or when matters of special importance must be attended to urgently).

The co-operation of all students is expected in maintaining the *NO ENGLISH RULE*. Those who may be doubtful about their ability to keep it strictly should remember that the effort required of them will be less and less as the session progresses. They should bring with them such

helps as vocabularies, conversation books, and pocket dictionaries, which will be very useful for the first few days. However, they will soon find that they can dispense with them. As their command of spoken French improves rapidly, they will experience a feeling of achievement, and the greater their enthusiastic adherence to the rule, the better and quicker their progress.

Telephone calls involving the use of English are forbidden in the residence, nor can friends unable to speak French be entertained in the French House.

Students should, in their own interest, refrain from reading English newspapers (seven French newspapers are published in Montreal), and listening to radio broadcasts in English (there are four French-speaking radio-stations in Montreal).

Any student who persists in breaking the *NO ENGLISH RULE* will be brought before the Dean of the Faculty of Arts and Science, who may dismiss him from the School.

REDUCED RAILWAY FARES

Arrangements have been made whereby students may obtain reduced fares from all points in Canada. Students wishing to avail themselves of this reduction should buy a single ticket and obtain at the same time a "Standard Certificate". This certificate must then be signed by the Director of the School. On presenting it at the railway ticket office, students may obtain a return coupon at the reduced fare (one-third of the cost of a one-way ticket).

BAGGAGE

The following is an extract from a memorandum (Series D, No. 12, Supplement No. 1, 15th January, 1936) of the Department of National Revenue, Customs Division:

> "Radios, phonographs, musical instruments and other effects for personal and sporting use, not ordinarily entitled to entry free of duty as travellers' baggage, may be admitted without payment of duty and without deposit provided they are reported to the Customs Office and provided that these articles are imported for the use of the students themselves and will be exported under Customs supervision immediately after the closing of the School."

IMMIGRATION REQUIREMENTS

Students who are not residents of Canada should bring with them for presentation to Canadian Immigration officers the letter informing them that they have been admitted to the School for the 1950 session.

United States citizens should carry some documents of identification such as old passports, birth or baptismal certificates, tax bills, and similar papers in order to facilitate their return to their country.

Students who are citizens of the United States by naturalization should carry their naturalization certificates, and those who have not acquired such status should present evidence that they are legally in the United States and that they will be allowed to re-enter that country after their temporary stay in Canada.

BANKING ARRANGEMENTS

It is recommended to out-of-town students that they bring letters of credit or use traveller's cheques, rather than draw ordinary cheques on their home banks.

COURSES OF INSTRUCTION

SECTION A

Students wishing to qualify for the Certificate must take not less than *six* courses. Course 1, being a six hour course, will be counted as equivalent to two normal courses. Students taking Course 1 need include in their curriculum 4 other courses only.

1. LIVING FRENCH : A NEW ORAL-AURAL APPROACH TO SPOKEN FRENCH

This basic course aims at:

(*a*) developing the student's familiarity with the sounds and rhythms of the French spoken in everyday life by well-educated French people;

(*b*) building up a comprehensive, organized knowledge of the vocabulary which recurs most frequently in polite conversation;

(*c*) increasing the student's general fluency in speaking French by individual and group practice under experienced specialists.

All Section A students who, at the time of registration, experience difficulty in understanding French when spoken slowly are recommended to take this course. The size of the classes will be strictly limited and students will be grouped according to their proficiency.

Mon., Tues., Wed.,
Thurs., Fri., Sat., at 9.

Mlle. DUSSAIGNE
Mlle. LA MOTHE
Mlle. REVERCHON
M. FONTANET
M. ROMER

2. FUNCTIONAL GRAMMAR

This course, which will consist of oral and written work, will include:

(*a*) a revision of the rules of French grammar which the average student generally finds somewhat difficult to master (e.g. use of tenses, especially infinitive and subjunctive, relative pronouns. past participles, etc.);

(*b*) written translation work from English into French for the purpose of general grammar review.

Mon., Wed., Fri., at 10.

Mlle. DINET
Mlle. LA MOTHE
Mlle. MAZARS
M. CHAVY
M. ROMER

3. EVERYDAY WORDS AND PHRASES

A systematic study of vocabulary selected for its practical value. Special emphasis will be laid on the fitting of new phrases into the pattern of conversation. Students taking this course will be supplied with vocabulary and phrase list by the School.

Tues, Thurs., Sat., at 10. — Mlle. DINET, Mlle. MAZARS, M. FONTANET

4. PHONETIC DICTION : FRENCH SOUNDS AND RHYTHMS IN PROSE AND VERSE

The object of this course is to improve the student's pronunciation and intonation through the learning and repetition of carefully graded passages of conversational and literary French. Students taking this course will also study, rehearse, and act short plays and sketches especially written for the School.

Mon., Wed., Fri., at 11. — M. CHADOURNE, M. NARDIN, M. TRICAUD

5. MODERN FRENCH PROSE

The purpose of this course is to improve a student's ability to read quickly, yet accurately, modern French prose of quality. The course is recommended to students who will require later on a good reading knowledge of French.

Tues., Thurs., Sat., at 11. — Mme. FURNESS

6. LANDMARKS IN 19TH CENTURY FRENCH LITERATURE

This course is specially designed for College students. It will be given in lecture form and will require a somewhat higher standard of aural comprehension than the courses listed above. It will *not* be a general survey course, but will be a vivid presentation of the outstanding literary figures of the period.

Mon., Wed., Fri., at 12. — M. CHAVY

7. PARIS, YESTERDAY AND TODAY

An art and civilization course at the beginner's level. The history of the capital of France will be briefly reviewed. World-famous monuments which best illustrate the growth of the city will be studied in some detail. This course will also include concrete information on the Parisian way of

life and living conditions in Paris today. Students will be provided with maps and illustrated booklets. Pictorial material will be exhibited at the Royal Victoria College. Slides will be used.

Tues., Thurs., Sat., at 12. Mlle. DUSSAIGNE

SECTION B

Students wishing to qualify for the Certificate must take not less than *six* courses and include in their curriculum either Course 10 or Course 11 or both.

LANGUAGE COURSES

10. TRANSLATION AND FREE COMPOSITION

The purpose of this course is:

(*a*) to review grammar by means of graded translation into French;

(*b*) to develop fluency in written French by practising the forms of writing which students are most likely to need (letters, reports, essays, etc.).

Mon., Wed., Fri., at 11. Mlle. MAZARS
Mlle. REVERCHON
M. FONTANET
M. ROMER

11. ORAL PRACTICE IN SELF-EXPRESSION

This course will consist of prepared discussions on assigned subjects with special emphasis on correct sentence building and on accuracy in the use of an idiomatic vocabulary.

Tues., Thurs., Sat., at 11. Mlle. LA MOTHE
M. CHADOURNE
M. TRICAUD

12. FRENCH PHONETICS

An elementary but attractive study of French sounds and of their rendering in the symbols of the International Phonetic Alphabet. The course will include periods of intensive practice in the afternoons when correction of individual speech defects will be given special attention. Students will have at their disposal up-to-date phonetic equipment and

recording machines of various types. This course will be given at three different hours to allow a greater number of students to fit it into their individual time-tables.

Tues., Thurs., Sat., at 9.	Mlle. DINET
Tues., Thurs., Sat., at 10.	M. RIGAULT
Tues., Thurs., Sat., at 12.	

13. DICTION

This popular course aims at a better appreciation of the æsthetic qualities of French used orally in prose and in verse. It will feature a number of special exercises designed to correct defects in pronunciation and intonation.

Mon., Wed., Fri., at 9.	Mlle. MAZARS M. LAUNAY
Mon., Wed., Fri., at 10.	Mlle. REVERCHON

14. EXPLICATION DE TEXTES

This course is an introduction to the analytic French approach to the detailed study of literature. The method will be demonstrated and practised on selected passages of high literary and artistic quality. As the course bridges the gap between language and literature courses, College students majoring in French will find it both helpful and stimulating.

Mon., Wed., Fri., at 10. — Mlle. DUSSAIGNE

LITERATURE AND CIVILIZATION COURSES

20. MOLIÈRE

A general review of the life and writings of Molière with special reference to his major comedies.

Readings: *Les Précieuses Ridicules*
Les Femmes Savantes
L'Avare
Le Misanthrope

Mon., Wed., Fri., at 9. — Mme. FURNESS

41. JEAN-JACQUES ROUSSEAU

A survey of the life, works, and influence of the most important literary figure of the latter half of the 18th century. Rousseau's contribution to the sentimental idealism of the French Revolution, his original ideas on education, his faith in the essential goodness of Nature, which make him

a precursor of the Romanticists, and his far-reaching influence on the development of the French novel will be studied in detail:

Readings: *Discours sur l'Origine et le Fondement de l'Inégalité parmi les Hommes*

or: *Discours sur les Sciences et les Arts*
L'Émile
Les Rêveries d'un promeneur solitaire
Representative extracts from:
Les Confessions
La Nouvelle Héloise

Mon., Wed., Fri., at 10. M. NARDIN

22. VICTOR HUGO, POÈTE ÉPIQUE

This course will open with a rapid review of the life and writings of Victor Hugo, for the benefit of students who have but briefly studied the leader of French Romantic Poets. But it will soon concentrate on one of the most important and enduring aspects of Victor Hugo's contribution to modern literature: his bold attempt at reviving the epic as a legitimate form of poetic expression, and his outstanding success in making it the ideal vehicle for his unique blend of lyricism and philosophy.

Readings: Representative extracts from *La Légende des Siècles*.

Tues., Thurs., Sat., at 9. M. CHAVY

23. THE GONCOURTS AND THEIR FRIENDS

Edmond and Jules de Goncourt deserve better than the passing thought bestowed upon them once a year by the reading public on the day when the *Goncourt Prize*, named after them, is awarded to a young novelist of promise by the *Goncourt Academy*, which Edmond instituted in his will. The brothers remain among the most interesting and attractive personalities of the latter half of the 19th century. Not only did their realistic novels pave the way for the success of Naturalism, but they invented the "impressionistic style" of writing, published penetrating studies on 18th century characters, and introduced Japanese art to France, thus exerting a notable influence on the development of modern painting. They had hosts of friends who kept them informed of the latest gossip in studios and cafés, and the *Journal*, which they began to write in 1851, is a mine of intimate information on the literary and artistic world of their time—so intimate, in fact, that its publication had to be withheld for fifty years and has not been completed yet.

Readings: Representative extracts will be indicated at the opening lecture.

Tues., Thurs., Sat., at 10. M. WOLFF

24. THE CATHEDRALS OF FRANCE

Among the many artistic treasures of France, none has stood the test of time better than the cathedrals. The evolution of their architecture, from the early Romanesque to the Flamboyant, will be traced in typical examples. The faith and skill of the craftsmen who built Notre-Dame, Chartres, Amiens, Strasbourg, etc. will be abundantly illustrated by slides and pictorial material. An exhibition of photographs will be set up at the Royal Victoria College. No previous knowledge of architecture is needed for this course, in which the technical vocabulary will be kept to a minimum.

Mon., Wed., Fri., at 12. M. TRICAUD

25. MODERN FRENCH MUSIC

This course is designed to acquaint students with some of the main trends in Modern French Music. It will be illustrated with records specially brought from France. Particular attention will be given 20th century composers, such as Arthur Honegger and Darius Milhaud, whose theories on the importance of the role of music in contemporary French life have already achieved wide recognition.

No previous musical education is necessary to take this course but an ear for music is a prerequisite to its enjoyment.

With permission of the Director, the course is open to Section C students.

Tues., Thurs., Sat., at 12. M. LITTLE

SECTION C

Students wishing to qualify for the Certificate must take not less than *five* courses.

M.A. students must take certain courses listed on page 4029.

LANGUAGE COURSES

30. FRENCH STYLISTICS

The purpose of this course is twofold:

(*a*) To present in a new light some aspects of French as a living

language. Homonymy, synonymy, the use of comparisons and images, and the syntax of informal speech will come under review.

(*b*) To help students towards a better appreciation of the literary quality and *style* of a given page through a study of *levels of speech*, and of the means at the disposal of a writer to express a given idea or thought.

A serious study of Stylistics will prove very helpful to students who aim at writing French with accuracy and elegance.

Tues., Thurs., Sat., at 11. M. NARDIN

31. ADVANCED COMPOSITION

An intensive seminar in translation from English into French. The passages translated will be taken from modern English and American writers. Written work will be assigned for each class and will be individually corrected. The size of the class will be limited to a small group.

Mon., Wed., Fri., at 10. M. CHADOURNE
M. LAUNAY

32. ADVANCED PHONETICS

This course is open to students who have passed Course 12 (listed as Course 14 in 1948) or its equivalent.

Review of the formation of French sounds and the laws governing their occurrence. Dynamics of speech (vocalic harmony, assimilation, laws of accentuation and intonation). Experimental demonstrations and checking of students' speech with chymograph, pneumograph, and voice mirror. Practice periods in the afternoons.

The course is recommended to teachers of French who wish to become familiar with the latest equipment.

Mon., Wed., Fri., at 9. Mlle. DINET
M. RIGAULT

COURSES IN LITERATURE AND CULTURE

40. RABELAIS

An ability to read *Gargantua* and *Pantagruel* in the original is an achievement of which few foreign students of French literature are capable. This perhaps accounts for Rabelais' reputation of obscurity. But it is entirely undeserved, and Rabelais, besides being one of the greatest storytellers of all times, embodies the spirit of the Renaissance, its thirst for knowledge, its respect for ancient historians and philosophers, its healthy enjoyment of life, and its satirical attitude towards medieval manners and morals. This course will acquaint the student of graduate calibre with Rabelais' vivid personality, and important extracts from his works will be read and discussed in class.

Readings: *Rabelais, Extraits* (2 vols. in "Collection des Classiques Larousse").

Tues., Thurs., Sat., at 10. M. NARDIN

41. BOILEAU, CONSCIENCE DU CLASSICISME

This course aims at presenting Boileau in a true light, not as a crabbed, unsympathetic critic of his age, but as the guardian of those literary and æsthetic values which made his century *le Grand Siècle*. French classical literature owes a debt of gratitude to Boileau for his firm stand in matters of taste and common sense, which played a major part in shaping public opinion and enlightening the noble patrons of the men of letters.

Readings: Representative extracts from *Les Satires* and *Les Épitres*.

Tues., Thurs., Sat., at 10. M. CHAVY

42. LE THÉATRE DE 1880 À 1914

The French stage was intensely alive during the three decades before the First World War. Various groups of theatres in Paris catered for the tastes of a vast public and controversies often broke out between patrons upholding different views. Realists, naturalists, symbolists, traditionalists, all had their hour of triumph, and many of the plays written and produced during that period are of lasting intrinsic interest.

Reading will include representative plays by *Henri Becque, François de Curel, Paul Hervieu, George de Porto-Riche, Edmond Rostand,* and *Maurice Maeterlinck.*

Tues., Thurs., Sat., at 9. Mme. FURNESS

43. LA POÉSIE FRANÇAISE CONTEMPORAINE : DE BAUDELAIRE À VALÉRY.

This course is designed to appeal not only to the few who happen to be fascinated by modern poetry but to the many who feel discouraged when confronted with its intricate patterns and sometimes enigmatic themes. Although it will retrace the history of contemporary poetical movements, it aims at going deeper than a survey. French poetical consciousness has been vastly enriched since the publication of *Les Fleurs du Mal,* and its development will be illustrated by *explications de textes* in the course of the lectures. Students will thus be kept in direct contact with the texts themselves and be guided towards a fuller comprehension and enjoyment.

Readings: Representative extracts from *Charles Baudelaire, Stéphane Mallarmé, Henri de Régnier, Gustave Kahn, Mme. de Noailles, Paul Claudel, Jean Cocteau,* etc.

Mon., Wed., Fri., at 11. M. WOLFF

44. ANDRÉ GIDE

Now in his eighty-first year, André Gide stands out as undoubtedly the most gifted and most universally admired of all French writers alive today. He was awarded the Nobel prize in 1948 and he is already looked upon as a "classic" of our times. But his books have retained their freshness and *Les Nourritures Terrestres*, though published in 1897, still appeals to the younger generation all over the world. No student of French literature can view it in its proper perspective without a better than nodding acquaintance with André Gide.

Mon., Wed., Fri., at 12. M. CHADOURNE

45. LE THÉATRE D'AUJOURD'HUI

With French theatrical activities largely concentrated in Paris where there is no lack of eager public, the stage has been enjoying a post-war *renaissance*, and a number of younger writers have been using it as the best means of obtaining a wide audience for their convictions or doctrines. The conflicting tendencies of contemporary French literature are thus reflected in the new plays produced since 1944. The aim of this course is to make students acquainted with some of them and their authors, with special reference to *Jean Anouilh, Jean-Paul Sartre, Armand Salacrou, Henry de Montherlant, Paul Claudel, Gabriel Marcel, Claude Mauriac*, etc.

Mon., Wed., Fri., at 9. M. WOLFF

46. LE THÈME DE "LA CONDITION HUMAINE" DANS LE ROMAN FRANÇAIS CONTEMPORAIN

The French novel is at the moment imbued with deep seriousness, and all the important novels of the last few years endeavour to offer a satisfactory answer to the problem of "the place of man and the meaning of freedom" in the world in which we live.

This course will survey the implications of these problems as they appear in the latest novels. It will examine the solutions supplied so far by three leading novelists, *André Malraux, Albert Camus*, and *Jean-Paul Sartre*, and will discuss briefly a number of recent novels by *S. de Beauvoir, R. Queneau, A. Hoog, J.-J. Gauthier, P.-A. Lesort*, etc.

Tues., Thurs., Sat., at 12. M. TRICAUD

47. LE FRANÇAIS PAR LA MUSIQUE

This course is not devised specifically for teachers of French: all students interested in French folklore will find it interesting. It aims, among other things, at presenting an original and lively solution to the problem of the teaching of oral French: singing methods and the dramatization of folksongs may be the answer . . .

With permission of the Director, this course may be taken by Section B students who are French teachers.

Tues., Thurs., Sat., at 11. M. LITTLE

SPECIAL LECTURES

Three sets of special lectures have been arranged for the 1950 Session.

S-1. *Lectures for Teachers of French.*

These lectures will be given in collaboration with the Inspectors of French in the Protestant Schools of the Province of Quebec and senior French teachers of the Montreal Protestant Central School Board. M. J. L. Launay will be the coordinator. The names of those taking part in that series will be announced later. The lectures will take place in the afternoon. Emphasis will be placed on the use of audio-visual material in the classroom at the elementary and secondary school level.

S-2. *Lectures on French Art.*

M. Jean Mouton, Agrégé de l'Université de France, Conseiller Culturel auprès de l'Ambassade de France à Ottawa, has kindly consented to give a set of four evening lectures on French painters. These lectures will be illustrated with slides and special exhibitions. The subjects will be:

(*a*) Le Nain, peintre réaliste du 17e siècle.

(*b*) Chardin, peintre de la vie intime du 18e siècle.

(*c*) Ingres, peintre de la femme du 19e siècle.

(*d*) Les origines de la peinture moderne.

S-3. *Literary Lectures.*

Three evening lectures will be delivered by members of the Staff on literary subjects of their choice:

(*a*) Le Quartier Latin à travers les âges (M. Lucien Wolff).

(*b*) Rencontres avec André Gide (M. Marc Chadourne).

(*c*) La femme dans la littérature du Moyen-Age (M. Pierre Nardin).

Evening lectures will be open to all students and friends of the School.

TEXTBOOKS

Owing to the difficulty of ensuring an adequate supply of textbooks, it has not been found possible to print in this Announcement the titles of all the books which will be required for individual courses. These books will, however, be available to the students when they register. Stocks will be kept at the Poole Book Store, 2055 McGill College Avenue, adjacent to the campus, where they can be procured.

Any edition of books for "readings" may be used.

Lists of textbooks will be completed by the end of May, and the School Secretary will mail them on request to students accepted at the School.

All students should bring with them the French grammars and dictionaries with which they are familiar.

REGULATIONS FOR THE MASTER OF ARTS DEGREE

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

2. REQUIREMENTS FOR THE MASTER'S DEGREE

   (*a*) The student must hold the degree of B.A. from McGill University, or from another institution of recognized standing, with at least second class honours in French, or the equivalent of second class honours in French as granted by McGill University—which must include the ability to speak French fluently and a sound knowledge of French literature from 1600 to 1940.

   (*b*) A student, qualified as in 2(*a*), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session.

   (*c*) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

   Students whose records are considered the equivalent of the B.A. degree with at least second class honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. At the end of their second session they will be required to register in that Faculty as candidates for the M.A. degree, provided that they have completed the course requirements for the first two sessions.

Students who hold a B.A. degree but whose records are not considered the equivalent of the McGill B.A. with at least second class honours in French may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions. They will also register in the Graduate Faculty at the end of the second summer session, provided that they have obtained at least a high second class standing in the courses of the first two summer sessions.

M.A. students will not be required to register in the Graduate Faculty at the end of the third Summer Session, but will do so at the end of the fourth.

4. In the case of students of honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three lectures per week. The decreasing number of courses through the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session at the latest. Each student works under the guidance of a director of research who is a member of the Summer School Staff. The only listed course which may be taken for credit in more than one session is No. 31, Advanced Composition (see below).

   Students may be required to take certain courses which are changed from year to year, and in any case:

   30—FRENCH STYLISTICS. Students are advised to take this course during their second or third session.

   31—ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

FEES FOR M.A. STUDENTS

1. *School Fees.*

   M.A. candidates pay the full sessional fee of $250 (tuition, room, and board) or $115 (tuition alone) for each summer session during which they take courses.

M.A. candidates who have completed the courses required for the degree but have not completed the thesis, and are attending colloquia, will be charged at the rate for a single regular course.

2. *University Fees.*

The University fee for the M.A. degree is $200. A credit of $47.50 is allowed for each session a student spends in Section C of the French Summer School. Thus a student who has attended four sessions will be required to pay only $10.00 when he registers at the office of the Dean of the Faculty of Graduate Studies at the end of his fourth session. If the presentation of the thesis is postponed beyond the May following this registration, the student will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who obtain their M.A. degree via the French Summer School are excused the "in absentia" fee.

APPENDIX

1. COUNTRIES REPRESENTED IN THE 1949 ENROLMENT

CANADA:

Alberta	Newfoundland	Quebec
British Columbia	Nova Scotia	Saskatchewan
New Brunswick	Ontario	

BERMUDA

CUBA

NETHERLANDS WEST INDIES

PANAMA CANAL ZONE

TURKEY

UNITED STATES: 31 States

Arkansas	Kentucky	Oregon
California	Louisiana	Pennsylvania
Connecticut	Maine	Rhode Island
Delaware	Maryland	Tennessee
District of Columbia	Massachusetts	Vermont
Florida	Michigan	Virginia
Georgia	Minnesota	West Virginia
Illinois	Missouri	Wisconsin
Indiana	New Jersey	Wyoming
Iowa	New York	
Kansas	Ohio	

2. UNIVERSITIES REPRESENTED IN THE 1949 ENROLMENT

CANADIAN UNIVERSITIES:

Marianopolis College
McGill University
Sir George Williams College
Toronto Conservatory of Music
University of Toronto
University of Western Ontario

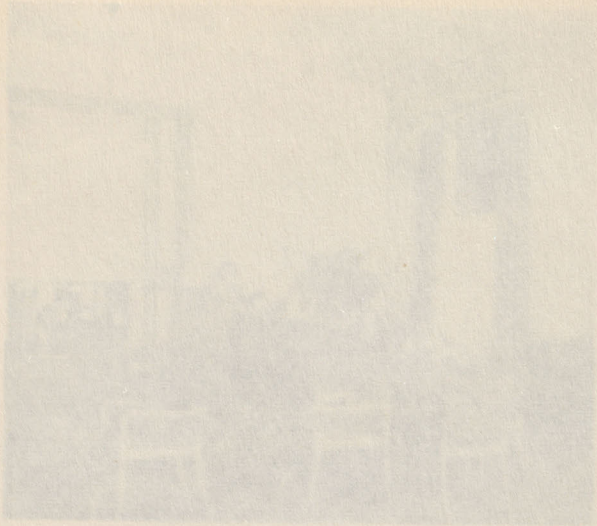
AMERICAN UNIVERSITIES AND COLLEGES:

Albion College	Bucknell University
Barnard College	University of Buffalo
Bennington College	Carleton College
Brigham Young University	University of Chattanooga
Brooklyn College	Ohio State College

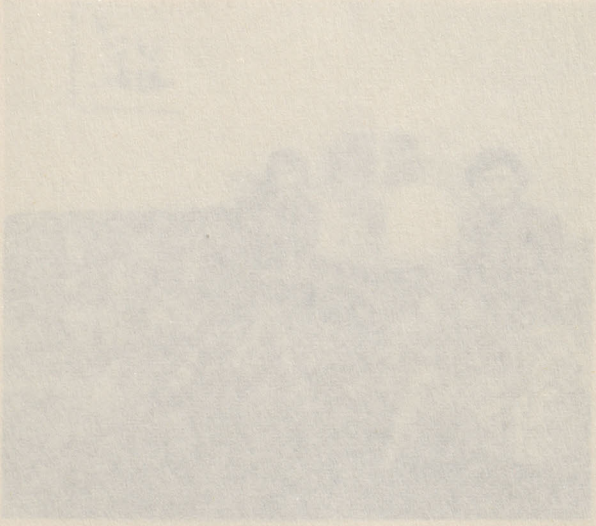
AMERICAN UNIVERSITIES AND COLLEGES *(Contd.)*

Colby College
Cornell University
University of Delaware
Drake University
Duke University
Elmira College
Franklin College
George Washington University
Georgian Court College
Harvard University
Hiram College
Hope College
Hunter College
University of Kansas
Kings College
La Salle College
Louisiana Polytechnic Institute
University of Maryland
University of Massachusetts
University of Michigan
Mount Holyoke College
College of New Rochelle
New York University
Phillips University
Rhode Island State College
Rockford College
Rutgers University
St. Mary of the Woods College
Sarah Lawrence College
Smith College
Stanford University
College of Steubenville
Sweetbriar College
University of Toledo
Tufts College
University of Washington
Wellesley College
Wesleyan University
Western Reserve University
Wheaton College
Wilson College
University of Wisconsin
Yale University

ROYAL VICTORIA COLLEGE



ONE OF THE COMMON ROOMS



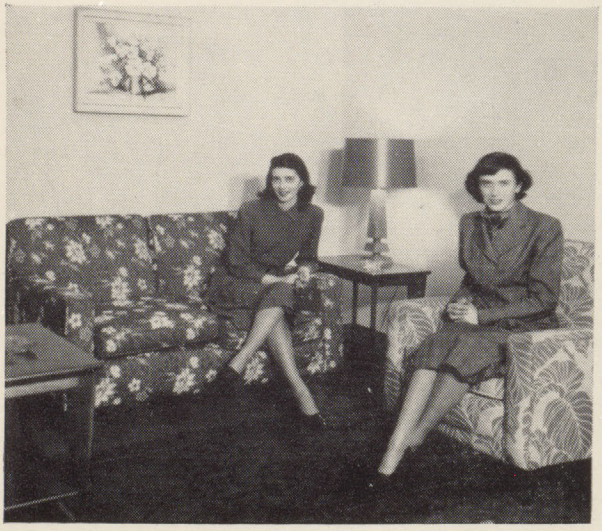
A SMALL RECEPTION ROOM

ARVADA HIGH SCHOOL
LIBRARY

ROYAL VICTORIA COLLEGE



ONE OF THE COMMON ROOMS

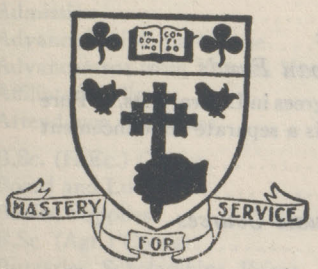


A SMALL RECEPTION ROOM



Aspect de Montréal au milieu du 19e siècle et, à l'arrière plan, l'ancien hôtel Rasco où séjourna Charles Dickens lors de son passage dans la métropole, en 1842.

Macdonald College



McGill University

Faculty of Agriculture
School of Household Science
School for Teachers
1950-1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office, McGill University, Montreal 2, Quebec

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
**Faculty of Graduate Studies and Research*
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
**Macdonald College* (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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* These announcements are also available through the Registrar's Office, Macdonald College.

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Catherine C. Frew, *Instructor.*

Frances Wren, *Instructor.*

Many officers of instruction give classes in all three schools; their names appear under that school in which the major portion of their work is done.

CALENDAR FOR SESSION 1950-51

1950

Tuesday, Sept. 5th.....Registration, School for Teachers.

Monday, Sept. 11th.....Registration, Homemaker students.

Wednesday, Sept. 20th.....Supplemental examinations begin, B.Sc.(Agr.) and B.Sc.(H.Ec.) courses.

Friday, Sept. 22nd.....Registration, second year B.Sc.(H.Ec.) students, and B.Sc.(Agr.) students taking Ag. Eng. 39.

Friday, Sept. 29th.....Registration, B.Sc.(Agr.), B.Sc.(H.Ec.) and Third Year Diploma students.

Monday, Oct. 2nd.....Lectures begin for B.Sc.(Agr), B Sc.(H.Ec.) and Third Year Diploma students.

Friday, Oct. 6th.....Fall Convocation.

.....Thanksgiving Day. Date to be proclaimed. No classes.

Monday, Oct. 30th.....Registration, Diploma Course students.

Wednesday, Nov. 1st.....Lectures begin, Diploma Course.

Saturday, Nov. 11th.....Remembrance Day. No classes.

.....General Assembly. Date to be announced.

Monday, Nov. 13th.....Autumn term examinations begin, School for Teachers.

Monday, Nov. 20th to
Friday, Dec. 1st.....} First practice teaching period, School for Teachers.

Monday, Dec. 4th.....Winter term begins, School for Teachers.

Wednesday, Dec. 20th.....Last day of lectures before Christmas, all schools.

1951

Thursday, Jan. 4th.....Lectures resumed, all schools.

Thursday, Jan. 11th.....First term lectures end, Agriculture and Household Science.

Monday, Jan. 15th.....First term examinations begin, Agriculture and Household Science.

Monday, Jan. 15th to
Friday, Jan. 26th.....} Second practice teaching period, School for Teachers.

Monday, Jan. 22nd.....Second term begins, Agriculture and Household Science.

Saturday, Feb. 10th.....Macdonald College Founder's day. No classes. (*Sir William C. Macdonald, born Feb. 10th, 1831, died June 9th, 1917.*)

Friday, Feb. 16th and Saturday, Feb. 17th	Mid-term week-end holiday.
Tuesday, Feb. 27th	Macdonald Royal. No classes.
Saturday, March 3rd	Winter term ends, School for Teachers.
Monday, March 5th to Friday, March 16th	Third practice teaching period, School for Teachers.
Monday, March 19th	Spring term begins, School for Teachers.
Thursday, March 22nd	Last day of lectures, Diploma Course.
Friday, March 23rd to Monday, March 26th inc.	Easter vacation.
Wednesday, March 28th	Examinations begin, Diploma Course. Supplemental examinations begin, B.Sc.(Agr.) and B.Sc.(H.Ec.) courses.
Wednesday, April 4th	Session ends for Diploma Course students.
Thursday, April 5th	Supplemental examinations begin, Diploma Course.
Thursday, April 19th	Last day of lectures, B.Sc.(Agr.) and B.Sc. (H.Ec.) courses.
Sunday, April 22nd	Baccalaureate Service, 3.00 p.m.
Wednesday, April 25th	Examinations begin, B.Sc.(Agr.) and B.Sc. (H.Ec) courses
Friday, May 4th	End of session for B Sc.(Agr.) and B.Sc. (H.Ec.) students.
Monday, May 21st	Final examinations begin, School for Teachers.
Monday, May 28th	Convocation.
Sunday, June 3rd	Divine Service, School for Teachers and School of Household Science, 3.00 p.m.
Thursday, June 7th	Closing exercises, School for Teachers and School of Household Science. End of session.
.....	Farm Day. Date to be announced.

MACDONALD COLLEGE

Macdonald College, which was founded and endowed by the late Sir William C. Macdonald, is incorporated with McGill University, and is situated twenty miles west of Montreal, at Ste. Anne de Bellevue, Que. It is composed of the Faculty of Agriculture, which includes the School of Household Science, and of the School for Teachers for the Protestant schools of the Province of Quebec.

FACULTY OF AGRICULTURE

The work of the agricultural departments of the College falls into three main divisions: teaching, research, and extension. Teaching and research form the major part of their work. Extension service is undertaken by departments as the need or opportunity may arise.

Information on extension work under the McGill Adult Education Service will be found on page 4625.

SCHOOL OF HOUSEHOLD SCIENCE

The School of Household Science is an integral part of the Faculty of Agriculture. The main function of the School is teaching, both in relation to the home and for professional service in institutions.

SCHOOL FOR TEACHERS

The School for Teachers is a School of McGill University, controlled by a committee established under an agreement with the Government of the Province of Quebec. The School trains elementary, intermediate, and kindergarten teachers for the Protestant schools of the Province of Quebec.

THE INSTITUTE OF PARASITOLOGY

This Institute, located at Macdonald College, is governed by a joint committee of the National Research Council and McGill University, and has, as its main functions, the prosecution of research on animal parasites and the instruction of graduate students.

ASSOCIATED COLLEGES

By special agreement, certain institutions have arranged to provide their students with a course of study substantially equivalent to the first two years in Agriculture and Household Science at Macdonald College. Students who have satisfactorily completed such a course of study and are specifically recommended by the authorities of their college are permitted to enter the third year at Macdonald College.

The following are the Institutions with which the foregoing arrangement exists:—

Nova Scotia College of Agriculture, Truro, N.S.
(Agriculture);

Prince of Wales College, Charlottetown, P.E.I.
(Agriculture and Household Science);

Memorial College, St. John's, Newfoundland
(Household Science).

GENERAL INFORMATION

POST OFFICE ADDRESS

There is a post office in the main building, and all mail should be addressed simply: Macdonald College, Que.

RAILWAYS

Ste. Anne de Bellevue, Que., is on the main lines of the Canadian National Railways and of the Canadian Pacific Railways, 20 miles west of Montreal. The local stations are but a short walk from the College. Baggage checks should be surrendered at the Administration Office, Room 11, Main Building, where arrangements will be made for the transfer of baggage upon entering and leaving College.

FREIGHT AND EXPRESS

The address for express or freight parcels is:—Ste. Anne de Bellevue (Jacques Cartier Co.), Que.

TELEGRAMS

Telegrams should be addressed:—Macdonald College, Ste. Anne de Bellevue, Que.

TELEPHONES

Administrative:—Ste. Anne de Bellevue, No. 335.

Men's Residence:—Ste. Anne de Bellevue, No. 9082, 9086.

Main Building Dormitory:—Ste. Anne de Bellevue, Nos. 9003, 9088.

Harrison House:—Ste. Anne de Bellevue, No. 407.

Women's Residence:—Ste. Anne de Bellevue, No. 9008, 9095.

HIGHWAY

The Quebec provincial highway No. 2 passes through Ste. Anne de Bellevue.

BANK AT STE. ANNE DE BELLEVUE

The Bank of Montreal.

CHURCHES

The following denominations are represented at Ste. Anne de Bellevue:

Church of England in Canada,
Roman Catholic Church in Canada,
United Church of Canada.

Students of all religious denominations are free to enter Macdonald College. The regulations of the Council of Education of the Province of Quebec apply only to students in the School for Teachers.

ADMISSION

A form of application for admission to the Faculty of Agriculture, including the School of Household Science, will be found at the end of the Announcement. Prospective students must read the details relating to entrance requirements.

Prospective students of the School for Teachers are referred to page 4604.

REGISTRATION

Students are required to register before 4 p.m. on the opening day of each session of the Faculty or School in which they have been accepted,and before entering residence to obtain a residence card from the Secretary's Office. Registration at a later date is permitted only to those who obtain the consent of the Dean or Director of the Faculty or School concerned.

Students are not permitted to enter any class until they have registered.

Upon registering students are required to sign the following declaration:—"I hereby accept and submit myself to the rules and regulations of Macdonald College, and of the Faculty or School thereof in which I am registered, and to any amendments thereto which may be made while I am a student of the College, and I promise to observe the same."

RESIDENCE

All regular students are required to live in residence.

Due to the necessity of accommodating conventions and short courses during the summer months, resulting in a limited time available for repairs and cleaning, no student will be admitted to residence before the date set for registration in the course for which he or she has been accepted. Nor may a student remain in residence after the session ends, nor during the Christmas holidays (see page 4522). Exceptions to this rule will be made in the case of certain student officers whose duties require their presence before the opening date, members of the football team who have been accepted for pre-season training, and other students under exceptional circumstances by permission of the Warden.

Students may not invite relatives or friends to stay overnight in the residence without permission from the Housekeeper or Warden of Residence.

For the admission of visitors to the Dining Room tickets must be procured in advance from the Office of the Dietitian, Women's Residence.

Students are held responsible for the care of their rooms and of their furnishings.

Students are recommended to mark clearly, in indelible ink, before coming to the College, all articles of wearing apparel, sheets, pillow cases, etc.

Detailed regulations are printed separately and issued to students after arrival.

CONDUCT AND ATTENDANCE

The general responsibility for the maintenance of discipline in each Hall of Residence is vested in a Warden, but, through a system of self-government, students are encouraged to accept the greatest possible amount of responsibility in connection with their own affairs. Enforcement of necessary regulations, exaction of disciplinary measures, and regulation of conduct *in and out of residence*, is largely in the hands of a House Committee for each residence, elected by the students from among their own number.

Matters of discipline connected with or arising from the general arrangement for teaching within a Faculty or School are under the jurisdiction of the Dean of the Faculty or Director of the School concerned.

Students may be admonished by a professor or instructor for improper conduct and may be reported to the Dean or Director concerned. If considered advisable, such conduct shall be reported to parents or guardians.

Students found guilty of immoral, dishonest, or other improper conduct, the violation of rules, or wilfully causing damage to persons or property, shall be liable to College discipline, which includes the power of expulsion (subject to the approval of the Senate of McGill University), of suspension from classes or residence (in the case of women students, confinement to residence), of exclusion from all College functions, including class or society meetings, plays, dances, etc., of disqualification from competing for honours or prizes, and of levying of fines. Fines may also be imposed or assessments made for damages made by individuals or groups of students.

Bringing liquor into the College is considered a serious breach of discipline, and students who indulge in the use of liquor, or who frequent places where it is sold, may be required to withdraw from the College.

Students are not permitted to bring firearms into their rooms, nor is the use of firearms allowed on the College grounds.

Gambling is not permitted on College property.

Unauthorized entrance to the Women's Residence by men students, or to the Men's Residence by women students, will result in immediate suspension of the guilty persons, followed by expulsion proceedings.

Students are requested not to make application for additional leave either before or after holiday periods, as such leaves can only be granted in case of illness or other exceptional circumstances.

For late registration or for absence from classes on the last day before or the first day following a holiday period, there will be a penalty of $3.00 for each day or part of a day.

During illness students are under the direction of the Medical Officer and may not leave the residence or infirmary without his express permission.

Punctual attendance at all classes, laboratory periods, tests, etc., is expected of all students. Absences can only be excused on the ground of necessity or illness, of which proof may be required. Special attention is called to the fact that the completion of all laboratory work is obligatory and the opportunity to make up work missed can only be provided in the case of properly excused absences.

The College has the power to refuse examinations to those students who persist in absenting themselves from classes without permission.

Any student who is unwilling to submit cheerfully to the restrictions of college life, whose conduct does not furnish satisfactory evidence of diligence and earnestness of purpose, or whose work is definitely unsatisfactory, may be placed on probation, or may be required to withdraw from the college. Degrees of probation are: 1. The student on probation is permitted to remain on trial, subject to satisfactory work and conduct; 2. The student on probation is not allowed to participate in competitive events, and is not permitted to take part in plays or other activities involving undue loss of time.

LEAVE-OF-ABSENCE

WOMEN STUDENTS

In order to avail themselves of leave privileges, women students in residence must present at the beginning of the session a form signed by parent or guardian giving general permission or specifying the manner in which leave may be spent. Forms for this purpose, and details of leave allowances, will be sent to all students before the date set for registration.

The amount of leave permitted is based on the student's year. A student is entitled to the leaves accorded those in her year only while in good academic standing. Conditioned students in the second, third or fourth year have the allowances granted to the year below.

Except in cases of emergency, telephone messages or telegrams requesting leave of absence for women students will on no account receive consideration.

Students wishing to stay at hotels, lodges, etc., while on leave, or to go on skiing trips, are required to have the written consent of their parents to do so.

On no account shall a student be absent from college without having complied with the regulations regarding registration of leaves, or without the knowledge and consent of the Warden. Absence from College without permission is a serious offence which renders the student liable to instant suspension or dismissal. If prevented from returning after an absence, due to illness or other cause, students must advise the Warden immediately, and these students must report to the Warden's office immediately upon their return.

Students are urged to have dental work attended to before entrance, though dental appointments will be allowed in cases of urgency. Appointments to visit a physician are allowed on production of a letter from the physician indicating the date and hour of the appointment.

All correspondence regarding the conduct of women students in residence should be addressed to The Warden, Women's Residence, Macdonald College, P.Q.

MEN STUDENTS

First Year Diploma and Degree students must obtain permission from the Dean should they wish to have overnight leave-of-absence. All students who expect to be absent from the College should leave some record of their movements.

CONTAGIOUS OR INFECTIVE DISEASES

Students on holiday, or accepted candidates for admission, who become subject to an attack of any contagious or infective disease, or who reside in any dwelling in which any such disease exists, shall be subject to the following quarantine regulations:—

	Quarantine to be required after last exposure to infection.	Earliest date of return or admission to College after an attack.
Scarlet Fever	14 days	Six weeks, and then only if no desquamation or sore throat.
Diphtheria	12 days	Three weeks, if convalescence is complete, provided two negative throat cultures at least twenty-four hours apart have been obtained.
Measles	16 days	Three weeks, if all desquamation and cough have ceased.
Whooping-Cough	21 days	Six weeks from commencement of whooping, if the characteristic spasmodic cough and whooping have ceased. Earlier if all cough has gone.
German Measles	16 days	Two or three weeks, according to the nature of the attack.
Mumps	24 days	Two weeks after the disappearance of all swelling.
Influenza	14 days	Two weeks after disappearance of definite symptoms of influenza.
Typhoid	21 days	Four weeks if all symptons have disappeared and convalescence is complete.
Small-pox	16 days	Two weeks after the desquamation (which follows the falling of scales) has completely terminated.
Chicken-pox	14 days	Ten days after the desquamation has completely terminated.

In all cases of students, or accepted candidates for admission, suffering from, or coming in contact with those suffering from any contagious or infective disease, a medical certificate shall be required before they are allowed to return to the College.

VISITORS TO STUDENTS

Saturday is visitor's day. In the afternoon, students are free to see their friends and show them around the buildings and grounds. Men visitors to women students are allowed only in the reception rooms in the Women's Residence, and only on specially arranged occasions.

MUSIC

Music finds a place in the recreative and social activities of the College. Concerts, organ recitals, lectures, etc., will be given from time to time. It is suggested that those having musical instruments should bring them.

FEES—TUITION

The College reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Course	Consolidated fee*	Student Activities		First instalment of room and board	Due on entrance	
		Men	Women		Men	Women
B.Sc. (Agr.)	125.00	17.00	12.00	39.00	181.00	176.00
Diploma						
Children of farmers of the Province of Quebec, the Ottawa valley in Ontario, and the Maritime Provinces	20.00†	11.55	12.00	36.00	67.55	68.00
All others	100.00	11.55	12.00	36.00	147.55	148.00
Partial students						
All years, plus tuition at the rate of $5.00 per course per term	34.00	17.00	12.00	39.00	90.00	85.00
B.Sc. (H.Ec.)	150.00	—	12.00	39.00	—	201.00
Homemaker						
Children of farmers of the Province of Quebec	25.00	—	12.00	37.00	—	74.00
All others	250.00	—	12.00	37.00	—	299.00
School for Teachers, all classes	34.00†	13.35	12.00	39.00	86.35	85.00

*Includes the following fees: registration, tuition, laboratory, medical and nursing, use of laundry rooms, breakage.

†No tuition fee is charged in these courses.

BOARD AND LODGING

The fee for board and lodging is on a sessional basis, as follows:

Course	Total for Session	By Instalments	
		On Entrance	Monthly Thereafter
B.Sc. (Agr.)	$ 255.00	39.00	36.00
Diploma	180.00	36.00	36.00
B.Sc. (H.Ec.)	255.00	39.00	36.00
Homemakers	325.00	37.00	36.00
School for Teachers	335.00	39.00	37.00
Graduate students	$9.00 per week, monthly in advance		

The above sessional fees cover board and lodging for the College session exclusive of the Christmas holidays.

Students are not encouraged to remain in residence during the Christmas holidays. If, however, due to exceptional circumstances, special permission to remain in residence has been obtained from the Warden, the cost for room and board for this period will be $9.00 for a week or any part of a week.

SINGLE ROOMS

There is an extra charge for occupancy of the few single rooms in each residence. The sessional rates for single rooms may be obtained on application to the Secretary.

PAYMENTS

All fees are payable in advance. There is no refund of tuition fees to students who leave for any cause other than personal illness, nor to those who are dismissed for neglect of work or violation of the rules.

No refunds of payments made on account of board and lodging will be made except to students who permanently leave the residence for cause during the session.

Payment for board and lodging may be made in monthly instalments, on entrance and on the first of each month thereafter, as shown above. Payment may be made in larger instalments if desired.

Students who fail at any time to make payment for board and lodging promptly on the first of each month *will be charged $2.00 extra* for each time such failure occurs.

A list of the registered students whose accounts with the Secretary are in arrears will be sent to the Dean or Director of the Faculty or School concerned, on receipt of which the Dean, or Director, shall cause their

names to be struck from the registers of attendance, and such students cannot be readmitted to any class or residence except on presentation of a special notice signed by the Secretary, certifying to the settlement of such account.

The Administration Office will be open to receive payments from 9 a.m. to 4.30 p.m. daily—except Saturday, on which day the hours will be from 9 a.m. to 12 noon.

All cheques, money orders, etc., should be drawn to the order of "The Secretary, Macdonald College," to whom all remittances, orders for dress material, etc., must be directed.

MISCELLANEOUS EXPENSES

STUDENT ACTIVITIES

Students entering the College are reminded that there are various student activities, such as the athletic associations, literary societies, class societies, etc., which they are expected to join. These affairs are in the hands of the students themselves, and the expenses of these organizations amount, for the session, as follows:—

	Men	Women
Degree Course students.....	$ 17.00	$ 12.00
Diploma Course students.....	11.55	12.00
Homemaker students.....	....	12.00
School for Teachers students.....	13.35	12.00

At the request of the students themselves, the above fees will be collected from all students for the support of the athletic associations, literary societies, skating rink, accident insurance, etc.

MISCELLANEOUS FEES

Supplemental examinations, per paper.....	$ 2.00
Official transcript of record.....	1.00
Conferring degree *in absentia*.....	10.00

LAUNDRY SERVICE

Weekly laundry service at moderate prices is provided by a Montreal laundry to which students may send their personal washing, sheets, pillow covers and towels. Printed lists will be furnished, two copies of which, properly filled out, must accompany each parcel. Fully equipped laundry rooms are also provided in each residence for students' use.

HEALTH SERVICE

Medical and nursing attendance, major operations and illness excepted, will be provided to all students while in attendance at the College.

If a student's admission to a city hospital is ordered by the College Medical Officer, one half of all public ward charges is paid by the College, provided that the total obligation assumed by the College does not exceed $125.00 in any one session for any one student. Should a student desire private accommodation, the difference in cost must be borne by him.

This contribution towards hospital expenses is made only when the illness or other condition requiring hospital treatment was not present or was unknown or undetected at the time of admission.

A charge of 25 cents extra per meal will be made for all meals served in a student's room or outside the dining room, such meals being provided only when approved by the Resident Nurse.

During the session, all students are covered by a group accident insurance policy, the premium for which is included in the student activity fee.

BOOKS

Books, etc., in connection with the various courses may be purchased at the College Book Shop. In order to reduce the expense of textbooks as far as possible to individual students, an arrangement has been made whereby students of the School for Teachers will pay to the Secretary the sum of $2.00 per session for the use of books in certain departmental libraries; this will save students the necessity of purchasing individual copies of expensive books.

HOUSEHOLD SCIENCE TRIPS

Students in Household Science are taken to visit various institutions in connection with their work, from time to time during their course, more especially in the senior years. Each student is responsible for her own expenses, which are kept to the minimum amount.

SUPPLIES

Material and supplies required for classes in Textiles and Clothing are provided by the students concerned and purchased at the direction of the instructor.

ROOM FURNISHINGS

Bedrooms are furnished with closets, beds, mattresses, blankets, pillows, and the necessary furniture.

Each student is expected to provide his or her own laundry bag, toilet soap, drinking glass, four sheets, about 90 inches long, 60 inches wide; two pillow covers, 34 inches long, 20 inches wide; hand towels and bath towels.

Each room is provided with picture moulding. Students are permitted to bring rugs, pictures, etc., but are not allowed to drive tacks or nails into walls or woodwork, nor to paste pictures on the walls.

Women students are required to provide sash curtains and curtain rods for the windows in their rooms.

OUTFIT REQUIREMENTS FOR WOMEN STUDENTS

Students who prefer to buy uniforms ready-made, of the official material and pattern, may obtain them by mail from the Secretary, or buy them at the College Bookshop on arrival. They are available in sizes 14, 16, 18 and 20 and the cost complete except for collars and bar pin, which must be ordered separately, is $7.00 each. A cheque or money order for the proper amount must accompany each mail order.

SCHOOL OF HOUSEHOLD SCIENCE:—Three new uniforms are necessary in first year and in Homemakers; 2 additional uniforms are required on entering third year. The material required is from 3½ to 4 yards for each uniform (12 yrs., 3½ yds.; 14 yrs., 3¾ yds.; 16 and 18 yrs., 4 yds.). It is 32 inches wide, 90 cents per yard and is obtained from the Secretary on receipt of amount covering quantity required. The material must be shrunk before being made up and to allow for further possible shrinkage, skirts should be made with a four-inch hem. Skirt should be of reasonable length according to present fashions, but not longer than thirteen inches from the floor. Sleeve should be just above the bend of elbow on the inside and finished with a 1¾ inch horizontal band. Shoulder pads may be used, in keeping with the shoulder line.

Pattern for the dress will be enclosed with dress material for fifty cents additional. Dresses must be made according to this pattern with matching belt and 3 or 4 removable pearl buttons 7½ cents each, at College Book Shop. Dress pattern comes in sizes 12, 14, 16, 18, 20. Be sure to specify size required when ordering.

Collars.—Special white collars are to be worn with the dress and fastened by a bar pin, both of which should be obtained from the College Book Shop. A collar must be obtained with the uniform material and be used in determining the opening at the neck of the blouse, which should be cut only low enough to permit of the collar being fastened in front by the bar pin. In addition to the pin the only jewellery permitted to be worn with the uniform is a watch and a class pin or class ring.

Aprons.—Four aprons of white cloth or linen, coming to within two inches of the bottom of the dress, are necessary for work at cookery classes. One coloured apron is required, the material to be the same as that of the uniform. Material required—3½ to 4 yards. This apron is required in first year by everyone.

Aprons should be made from a standard nurse's apron pattern, with gored skirt and bib top.

Towels.—Four small white huckaback hand towels, one-half yard long, with a button-hole in one corner to button to waistband.

Potholders.—Two, each six inches square, covered with dress material and a bias binding of same, with a white tape to button to waistband.

White aprons, towels and potholders are not required by B.Sc. (H.Ec.) students until they enter the second year.

All the above pieces must be marked clearly in indelible ink with student's name.

Shoes.—White *oxfords* with low rubber heels are required. Stockings must also be white.

Workbasket.—Equipped with scissors, tape line, thimble, etc., for clothing classes.

The uniform is worn at all classes and must be complete at all times. Prospective students are requested to note carefully the regulations with reference to it. If in doubt in regard to any detail, write to the Director of the School for information.

Candidates for admission should await notice from the College of their acceptance before ordering uniform material.

SCHOOL FOR TEACHERS:—Two uniforms are necessary. The material required is from 4½ to 5 yards for each uniform. It is 32 inches wide, costs 90 cents per yard and is obtained from the Secretary on receipt of amount covering quantity required. The material must be shrunk before being made up and, to allow for further possible shrinkage, skirts should be made with a four-inch hem. Skirt should be of reasonable length according to present fashions, but not longer than thirteen inches from the floor. Sleeves must be long. Shoulder pads may be used, in keeping with the shoulder line. Pattern for dress will be enclosed with the material for 50 cents additional. Dresses must be made according to this pattern. Patterns come in sizes 12, 14, 16, 18, 20. Be sure to specify size required when ordering.

Special white collars are to be worn with the dress and fastened by a bar pin. A collar must be obtained with the uniform material and be used in determining the opening at the neck of the blouse, which should be cut only low enough to permit of the collar being fastened in front by the bar pin. In addition to the pin the only jewellery permitted to be worn with the uniform is a watch and a class pin or class ring.

Comfortable shoes with low rubber heels are required, and may be either black or brown. Stockings must correspond in colour with shoes worn.

The uniform is worn at all classes, and prospective students are requested to note carefully the regulations with reference to it. If in doubt in regard to any detail write to the Director for information.

A smock of printed material (cretonne) is useful when teaching certain subjects and when engaged in practical work.

Candidates for admission should await notice of their acceptance before ordering uniform material.

GYMNASTIC COSTUME

Women students taking work in the gymnasium will be required to wear the regulation gymnastic costume consisting of a tunic, shirt waist, briefs, and short, white woollen socks and running shoes. The tunic and briefs must be bought at the College Book Shop: the current price is $5.50 and $1.25, respectively.

Students wishing to swim must provide themselves with bathing suits.

PROVINCIAL GOVERNMENT GRANT

The Department of Agriculture of the Province of Quebec grants to each graduate and undergraduate student in Agriculture who belongs to the Province of Quebec, and is registered for regular courses, $9.00 per month of attendance in studying according to the time table in the Faculty of Agriculture, Macdonald College, to apply on board and lodging. This amount will be paid in two instalments, in January and in May.

Faculty of Agriculture

The following courses of study are offered in the Faculty of Agriculture:—

I. Courses in Agriculture:—

(a) Partial Courses (page 4529).

(b) A two-year Diploma Course (page 4529).

(c) Advanced Diploma Course (page 4537).

(d) A four-year Course leading to the Degree of Bachelor of Science in Agriculture, [B.Sc. (Agr.)] (page 4538).

(e) Graduate Courses in the Faculty of Graduate Studies and Research McGill University (page 4583).

II. Courses in Household Science:—

(f) Partial Courses (page 4591).

(g) A one-year (Homemaker) Course (page 4591).

(h) A four-year Course leading to the Degree of Bachelor of Science in Home Economics (B.Sc. [H.Ec.]) (page 4595).

ENTRANCE REQUIREMENTS

GENERAL

All candidates for admission:—

1. Except where otherwise provided, must have passed their seventeenth birthday.
2. Must produce satisfactory evidence as to moral character.
3. Must produce medical certificate of physical health. A certificate of vaccination must be attached as follows:—(a) Successful vaccination within seven years; or, (b) Immunity to vaccine after two recent unsuccessful vaccinations—such certificate of immunity to be good for five years from date.

When the number of women candidates is in excess of the accommodation, preference will be given to those from the rural districts of Quebec, the Maritime Provinces, and Eastern Ontario.

NOTE:—Form of application for admission will be found at the end of the announcement.

PERMISSION TO STUDY

Every candidate for admission to the Degree Course in Agriculture must, before beginning his course, obtain approval of his application from La Corporation des Agronomes, if he intends to practise as a professional agriculturist in the Province of Quebec after graduating. Forms of

Application for Permission to Study and full particulars may be obtained from La Corporation des Agronomes de la Province de Québec, Room 410, 10 St. James St. W., Montreal, or from the Registrar, Macdonald College.

Failure to comply with the regulations of the Corporation may cause a delay of a year or more before the candidate may be legally authorized to practise his profession in the Province of Quebec. Application for permission to study must be made before August 1st, 1950.

COURSES IN AGRICULTURE—

PARTIAL COURSES

Partial courses may be taken as follows:—

1. In one or more courses of the B.Sc. (Agr.) curriculum by matriculated students who shall be designated partial students of the Degree Course.

2. In one or more courses of the Diploma Course curriculum by students who shall be designated partial students of the Diploma Course.

3. At the option of the Dean and the departments concerned, partial students of the Diploma Course may be permitted to follow certain courses of the Degree Course curriculum, though not for credit towards a degree. Such students shall pay the tuition fees applying to courses of the Degree Course curriculum.

The main purpose of the Partial Course is to enable students from other faculties or other universities to integrate their previous courses with those at Macdonald College. No student proceeding to a degree will be permitted to register for more than one session as a partial student. Applications in all cases must be approved by the Dean of the Faculty of Agriculture, and registration must be made in the regular way before students enter upon their work.

For regulations regarding fees applicable, see page 4521.

DIPLOMA COURSE

This is a two year course of five months' duration in each year commencing about November 1st, and finishing about March 31st. It affords a special opportunity of spending one or two winter seasons in studying Agriculture, and the time is selected with a view to interfering as little as possible with farm operations. It is intensely practical in character and is designed with the following objects in mind:—To give the largest amount of information and training in practical agriculture in the shortest possible time; to equip the student for solving his future problems; to awaken him to the many opportunities on the farm; to give him an inspiration in his agricultural work; and to enable him to fill a more useful place in rural citizenship.

The work of the first year is taken by all students in common; in the second year a student may choose subjects that have to do either with dairy farming or fruit farming. A diploma will be granted to each student who completes the two years' work successfully.

DIPLOMA COURSE ENTRANCE

1. For General Requirements, see page 4528.

2. All candidates for admission to the Diploma Course must have passed their sixteenth birthday and will be required to read and write the English language acceptably, to be proficient in the use of arithmetic and to demonstrate a practical knowledge of farm operations.

DIPLOMA COURSE SYLLABUS (See page 4584)

DESCRIPTION OF DIPLOMA COURSES

AGRICULTURAL ENGINEERING

1. FARM MACHINERY

(a) A study of the gas engine as applied to stationary purposes, the automobile and the tractor.

(b) Implements and Machinery. The use and adjustments of tillage and harvesting machinery.

1st Yr.:—1 lect., 3 labs. per wk., 1st term. *Professor Malloch*

2. FARM CONSTRUCTION

(a) Farmstead planning including the arrangement of the various buildings, the planning of houses and barns; fences and fencing.

(b) Carpentry and concrete work.

1st Yr.:—1 lect., 2 labs., per wk., 2nd term. *Professor Heimpel*

6. LAND DRAINAGE

(a) The water table and its control; surface drains and underdrainage.

(b) Farm Sanitation. Water supplies and water systems, methods of sewage disposal.

2nd Yr.:—2 lects., 2 labs., per wk., 1st term. *Professor Heimpel*

7. FARM SHOPWORK

Blacksmithing, rope splicing, soldering and farm plumbing.

2nd Yr.:—1 lect.. 2 labs., per wk., 2nd term. *Professor Cooper*

Text Book:—Jones—Farm Shop Practice.

AGRICULTURE

1. A general course on Agriculture designed to give the student a proper conception of farming as an occupation and an appreciation of some important considerations in the selection and operation of farms.

1st Yr.:—1 lect. per wk., 2 terms. *Professor Hamilton*

AGRONOMY

1. SOILS AND SOIL MANAGEMENT

Classes of soil, tillage, rotation, manuring, fertilizers, liming, drainage, etc., will be studied with a view to enabling the student to manage the soil on his own farm to best advantage.

1st Yr.:—3 lects. per wk., 1st term. *Professor Lods*

3. HAY AND PASTURE CROPS

These crops will be studied from the standpoints of their importance, varieties, culture and management.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Steppler*

5. CORN AND ROOT CROPS

As with Hay and Pasture Crops.

1st Yr.:—3 lects. per wk., 2nd term. *Professor Raymond*

7. CROP MANAGEMENT

Factors determining the crops to grow, cropping schemes for typical situations in Eastern Canada. Fertilizers and seed will be given further attention in this course.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Raymond*

9. GRAIN CROPS

As with Hay and Pasture Crops.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Lods*

ANIMAL HUSBANDRY

1. FARM LIVE STOCK

Commercial types and classes of farm stock, their care and management; feeding; breeding; and judging.

1st Yr.:—3 lects., 2 labs., per wk., 1st term; 2 lects., 2 labs., per wk., 2nd term. *Professor Hamilton and Mr. Moxley*

6. FARM LIVE STOCK

A continuation of course 1, but dealing particularly with purebred stock.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors Ness and Hamilton*

7. LIVE STOCK BREEDING

In this course the more important basic principles underlying breeding practice are considered. Selection of breeding animals is studied in the light of what is known in regard to reproduction, transmission of characters, heredity, and environment.

2nd Yr.:—2 lects. per wk., 2nd term. *Mr. Moxley*

ANIMAL NURSING

6. The course will cover situations usually encountered by farm managers and herdsmen.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term.

BACTERIOLOGY

1. AGRICULTURAL BACTERIOLOGY

A survey of the significance of micro-organisms in relation to soil fertility, production of quality milk, water and milkborne diseases, rural hygiene, food preservation and food poisoning.

1st Yr.:—1 lect., 1 lab., per wk., 2nd term.

BOTANY

1. AGRICULTURAL BOTANY

The course consists of a study of the fundamentals of growth and reproduction processes in plants. The botany of economic plants will be studied as much as possible and consideration given to weeds and weed seeds and their control.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professors Coulson and Ludwig*

CHEMISTRY

1. Elementary Chemistry, with applications to soils, fertilizers, feeding stuffs, and insecticides and fungicides.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor DeLong*

DAIRYING

6. A study of the composition of milk, the production of quality milk on the farm, pasteurization, butter and cheese processes. Testing dairy products, separating milk, butter and cheese making.

2nd Yr.:—2 lects., 2 labs., per wk., 2nd term. *Mr. Morin*

ECONOMICS

7. ECONOMIC PROBLEMS OF THE AGRICULTURAL INDUSTRY

A survey of the production and marketing of the principal farm products. The place of agriculture in the Canadian economy, its economic problems and prospects.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Burton*

8. FARM ACCOUNTS AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. A study of the economic guides to farm management decisions. A farm visit followed by (1) detailed study of the farm visited, and (2) the development of alternative farm management plans using the budget method.

2nd Yr.:—3 lects., 1 lab., per wk., 1st term. *Professor MacFarlane*

ENGLISH

The students will be divided into a Senior and a Junior Group according to their attainments in English Speech and Literature:—

2. Literature, written composition and public speaking are included in the course.

1st Yr.:—3 lects. per wk., 2 terms. *Professor Hall*

7. Lectures and laboratory work include a supervised reading course; instruction in practical forms of writing, the conduct of public meetings, and debating and discussion methods.

2nd Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

ENTOMOLOGY

3. An elementary treatment of the structure, habits, classification and control of insects.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Morrison*

HORTICULTURE

4. GENERAL HORTICULTURE

A course dealing with the principles of farm horticulture, including the home garden, the propagation of plants, seed sowing, the improvement of the home surroundings, the farm orchard, and small fruits plantations.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Nussey and Mr. Pettit*

6. VEGETABLE GARDENING

The production of vegetables with reference to climate, soils, fertilizers, seeds, spraying, harvesting, grading, packing, storage, marketing and canning, with practical instruction in the greenhouse and laboratory throughout the course.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Murray*

7. ORNAMENTAL GARDENING

Foundation planting; choice and care of ornamental trees, shrubs, vines, and flowers for the home grounds, and the making and care of lawns. Some instruction will be given in commercial floriculture.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Mr. Pettit*

8. FRUIT GROWING

A practical study of orchard and small fruit production, including propagation, soils, fertilizers, culture, and other related phases, including spraying, harvesting, marketing, and storage. One lecture per week during the second term will be used for complementary work on spray machinery, cold storage, by-products, etc.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Nussey*

MATHEMATICS

1. A review of elementary arithmetic; decimals, percentage, ratio and proportion, mensuration, and farm business accounting.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Heimpel (Agricultural Engineering Department)*

NUTRITION

6. FEEDS AND FEEDING

A study of common animal feedingstuffs, and of their use in livestock feeding.

2nd Yr.:—2 lects. per wk., 1st term. *Professor Ashton*

PHYSICS

6. An elementary course dealing with the fundamental principles of Physics and their application in agricultural practice.

2nd Yr.:—1 lect., 2 labs., per wk., 1st term. *Professor Oliver*

PLANT PATHOLOGY

6. PLANT DISEASES

Studies of important plant diseases in horticultural crops, including losses, symptoms, cause, and spread.

2nd Yr.:—(Fruit Farming Group):—2 lects., 1 lab., per wk., 2nd term. *Professors Coulson and Ludwig*

POULTRY HUSBANDRY

1. PRODUCTIVE POULTRY HUSBANDRY

The elements of poultry production and marketing applicable to general farm use. A study is made of the various breeds of chickens, ducks, geese, and turkeys and their general management through a complete production cycle.

1st Yr.:—2 lects., 1 lab., per wk., 2 terms. *Professor Nikolaiczuk*

6. POULTRY MANAGEMENT PROBLEMS

The economic significance of the various factors influencing production returns on the basis of poultry management.

2nd Yr.:—2 lects., 2 labs., per wk., 2nd term. *Professor Maw*

PROJECT

6. Second year students are required to submit a project in the form of an essay and a questionnaire to be handed in not later than March 15th. The project work shall comprise outlining in detail the present organization of a farm business and the crop and livestock practices used on the farm. This shall include actual or carefully estimated farm costs, farm returns, and net income which might be expected under normal conditions from the present farm business. It shall also comprise the development of an alternate farm plan aimed at improving the productivity and income of the farm. This shall include a careful appraisal of the costs involved and a statement as to how and when the proposed changes are to be made. An analysis of the proposed plan indicating its advantages together with a compilation of the costs, returns, and net income, which might normally be expected during one year's operation under average conditions, is also required.

Questionnaire forms for organizing the necessary farm facts will be distributed before the close of the first year. They must be filled in during the summer and submitted as a part of the project.

The project will rank as a subject with an allowance of 100 marks and will become the property of the College.

2nd Yr.:—The equivalent of 2 labs., per wk., 2 terms.

Supervising Committee:—*Professor Hamilton (Chairman),*
Professors Cooper, MacFarlane, and Nikolaiczuk

DIPLOMA COURSE EXAMINATIONS

All students will be required to give satisfactory evidence of mastery of the material of lecture and laboratory. Examinations will be held at the end of the first term in all courses given and at the end of each course. The examiner will pass in to the Registrar the final mark giving the standing of each student in all the work of the course.

Students who obtain 75 per cent and over are placed in the first class; those who obtain 60 and less than 75 per cent, in the second class; and those who obtain 40 and less than 60 per cent, in the third class.

For purposes of evaluation a full course shall be two lectures and two laboratory periods per week for one term or its equivalent and shall be rated at 100 marks. One lecture equals one laboratory period. More or less than full courses shall be rated proportionately. Students conditioned in papers of an aggregate value of 250 marks or less will be required to write supplemental examinations in those subjects. Students conditioned in papers having an aggregate value of more than 250 marks will be considered as having failed in the year's work.

Students who fail in the first year of the Diploma Course in Agriculture will not be permitted to repeat the year, except by special action of the Faculty of Agriculture.

A student who is allowed to repeat a year may, by special permission, be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed creditably and be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the time table.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4519.

REGULAR SUPPLEMENTAL EXAMINATIONS

A regular supplemental examination is a first supplemental examination in a subject.

Regular supplemental examinations will be held immediately preceding the opening of lectures in October, on a date or dates to be fixed; and following the sessional examinations in the spring.

A first supplemental examination in a subject, not involving the preparation of a special paper, may also be arranged in conjunction with the regular sessional examinations.

SPECIAL SUPPLEMENTAL EXAMINATIONS

Supplemental examinations taken at other times than those appointed, and supplemental examinations taken subsequent to a first supplemental examination, will be considered as special supplementals and must be arranged with the Registrar.

Every candidate for either a regular or a special supplemental examination is required to fill out an application form for such examination and to return it with the necessary fee (for which see page 4523) at least three weeks before the examination begins. Application forms may be obtained from the Registrar.

No student writing a supplemental examination in a subject shall be granted marks higher than the required pass mark—i.e., 40 %.

ADVANCED DIPLOMA COURSE

Students who obtain at least high second-class standing in each year of the Diploma Course, may continue for a further year. For admission to the third year the candidate's application and schedule of courses and any revision thereof must receive the approval of the Faculty.

The course is intended for those who do not desire a degree but are anxious to extend their educational equipment beyond the two year course and to train themselves for the responsibilities of rural leadership. It is designed to permit those of good ability and some maturity to pursue a course where more emphasis is placed upon private study and individual effort than is possible during the first two years, when lectures and class-room exercices consume the bulk of the student's time.

During the session, which, for the Advanced Diploma Course, will date from the opening of the Degree Course, the student's time will be divided between assigned studies, projects, and departmental work. His curriculum will include reading, preparing reports, writing essays, and course work.

The course is not rigidly prescribed and is intended to be of a broad and general character. Nevertheless, it provides opportunity for the student to pay special attention to those phases of agriculture in which he is particularly interested. The courses taken will be selected from those listed below, but the student may be permitted to attend others which may be of value to him. The courses will be selected in consultation with the Chairman of the Diploma Course Committee.

At the end of his course of study, the student will submit himself to examinations in the individual courses taken when required, and to a series of comprehensive examinations in practical and scientific agriculture, written and oral, set by a Board of Examiners appointed for the purpose.

An Advanced Diploma in Agriculture may be awarded at the completion of the year's work or may be withheld until the student has demonstrated the necessary capacity in the work undertaken.

Only a limited number of students will be accepted each year.

Courses may be chosen from the following list, supplemented, if desired, by others approved by the Faculty:—

AGRICULTURAL ENGINEERING:—31, 32, 33, and 34.

AGRONOMY:—31, 32, 33, 36, and 43 (1st term).

ANIMAL HUSBANDRY:—30, 34, 35, 41, 45 and 46.

BOTANY:—30.

COMPARATIVE PHYSIOLOGY AND PATHOLOGY:—30, 31, and 32.

ECONOMICS:—*20, 30, 31, and 32.
ENGLISH:—*14, *26.
ENTOMOLOGY:—34.
EXTENSION METHODS:—*30.
HORTICULTURE:—31, 33, 38, 39, and 40.
PLANT PATHOLOGY:—31.
POULTRY HUSBANDRY:—31, 33, 35, and 38.

B.Sc. (Agr.) COURSE

This is a four-year course leading to the degree of Bachelor of Science in Agriculture; the degree when abbreviated shall be designated B.Sc. (Agr.).

The curriculum is organized with equal standards and similar plans to those of the other faculties of the University. During the first two years the work undertaken is common to all students and is limited to subjects which are basic in the study of all branches of agriculture. In the third and fourth years the student may specialize in a single branch of agriculture, or, in special cases, he may choose a combination of related subjects. In either case the outline of work must offer a comprehensive training in the major work and cognate subjects.

ENTRANCE

1. For General Requirements, see page 4528.

2. All candidates for admission to the four year course leading to the B.Sc. (Agr.) degree shall produce one of the certificates indicated below. With the modifications noted, this will apply also to all candidates for admission to the B.Sc. (H.Ec.) course.

a. A certificate of having passed the Junior School Certificate examination for entrance to the Faculty of Agriculture, which is held in June at McGill University and at other centres, and in September at McGill University only. All enquiries relating to such examination should be addressed to The Registrar, McGill University, Montreal, Que.

Every candidate must make application on a form which may be obtained from the Registrar's office, McGill University, Montreal. This application, with the proper fee, must reach the Registrar's office before 20th May for the June examination and before 20th August for the September examination. After these dates application may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications. The fee is $1.25 per paper with a maximum fee of $10.00.

*The courses marked with an asterisk are required and examinations must be taken in them.

Subjects required for matriculation into the Faculty of Agriculture are:

Group	No. of Papers	
1.	2	English
2.	1	History
3.	2	Latin *or* French *or* German *or* Spanish (French preferred)
4.	2	Elementary Mathematics
5.	1	Physics or Chemistry or Biology.
		EITHER
6.	2	Latin or French or German or Spanish (if not already chosen).
		OR
		Any two of the following papers not already chosen:—
		a. Intermediate Algebra
		b. Intermediate Geometry and Trigonometry
		c. *Botany *Biology
		d. Chemistry
		e. Physics
		f. †Drawing
		g. Geography
		h. †Music. [B.Sc. (H.Ec.) candidates only]. (Music and Drawing may not both be chosen.)
		i. Agriculture

Total 10 papers.

An examination in Zoology of other reputable universities or recognized public examining boards will be accepted as an alternative to Botany or Biology.

For complete matriculation a candidate must pass in every one of the above ten papers and obtain an average mark of at least 60% in the ten papers combined. A student, however, who fails in one or more of the papers may obtain matriculation standing provided (a) his average in the ten papers is not less than 65%, and (b) he has no mark in any of the ten papers below 40%.

*Botany and Biology may not both be chosen.

†The High School Leaving Examination in Household Science will be accepted as an alternative to Music or Drawing for admission to the B.Sc. (H.Ec.) Course.

b. The following certificates will be accepted in lieu of the Junior School Certificate examination for admission to the Faculty of Agriculture provided that pass standing, according to the standards of the various examining bodies, is shown thereon in the subjects required in "*a*" above:

Province of Quebec:—

The High School Leaving Certificate.

The Catholic High School Leaving Certificate.

Province of Ontario:—

Middle School Certificate.

Province of New Brunswick:—

Junior Matriculation.

Province of Nova Scotia:—

Grade XI Certificate.

Province of Prince Edward Island:—

Second Year Certificate of Prince of Wales College.

Province of British Columbia:—

Junior Matriculation.

Province of Manitoba:—

Grade XI Certificate.

Province of Alberta and Saskatchewan:—

Grade XI Certificate.

Newfoundland:—

Junior Matriculation.

United States:—

Certificates granted by the College Entrance Examination Board.

c. Great Britain:—

The School Certificate of the recognized examining bodies with five credits.

The University of London Matriculation.

The Certificate of Fitness of the Scottish Universities Entrance Board.

d. Miscellaneous:—

Other certificates, such as those issued by reputable universities or recognized public examining boards, will be judged on their merits and accepted in so far as they meet the entrance requirements.

Intending students who wish to enter by certificate should under no circumstances come to the College without having obtained from the Registrar a statement of the value of the certificates they hold.

Students with incomplete requirements may obtain standing in subjects included in the McGill School Certificate by writing McGill examinations.

3. *Farm Experience.* All candidates for the course leading to the B.Sc. (Agr.) degree must have had at least one season's experience on an approved farm, and must pass a practical test in ordinary farm operations. This experience can only be deferred by special action of the Faculty, and only in special cases.

College and experimental farms, while affording excellent opportunities in special lines of work, are not approved for purposes of general experience.

COURSE REQUIREMENTS

The requirements for graduation are:—

(a) Pass standing, in all courses outlined on page 4585 for the first and second years, as stated on page 4581.

(b) Pass standing in the third and fourth year courses equivalent to a minimum of 11 courses.

(c) Satisfactory distribution and concentration of courses:—See *Courses of Study* below.

(d) Satisfactory fulfilment of regulations concerning summer work for specialists.

EVALUATION OF COURSES

For the purposes of evaluation, a full course shall consist of three lectures per week throughout the year, and shall be rated at 150 marks. A two-hour laboratory period equals one lecture period. More or less than full courses shall be rated proportionately. Where the unit of instruction is considered to be a single period per week per term, six units would constitute a full course.

COURSES OF STUDY

Before entering upon the third year, students shall prepare, in consultation with the professors under whom major subjects are to be taken, summaries of courses to be taken in the third and fourth years, which shall

include the equivalent of not less than 11 nor more than 12½ full courses (*i.e.*, from 66 to 75 units). Term schedules must be approved by the Faculty.

During the third and fourth years, students may specialize in any one of the following subjects. In special cases, and when approved by Faculty, a combination of two subjects may be arranged. In this case not less than 3½ full courses (21 units) must be taken in each subject.

MAJOR SUBJECTS OFFERED

Agricultural Engineering
Agronomy
Animal Husbandry
Bacteriology
Chemistry
Economics
Entomology
Entomology-Parasitology
Horticulture
Plant Pathology
Poultry Husbandry

In addition to the foregoing, courses are offered in General Agriculture and in General Biology, as follows:

GENERAL AGRICULTURE

This option is designed for students who do not care to follow one of the specialized courses offered but who wish to obtain a general training in agriculture together with the basic sciences. It offers the type of training asked for by those wishing to farm, to do extension work or enter the commercial field. It is arranged to meet the requirements of students who wish to give special attention to combinations of subjects which are not provided for otherwise. Though planned as a general course, it provides the possibility of pursuing graduate studies.

GENERAL BIOLOGY

This option is designed for students who do not desire to take one of the more rigid professional courses during their undergraduate years, but rather to select courses which will serve as a foundation to later specialization in one of the fields of Applied Biology as it relates to agriculture. The courses in this option are arranged so that the student may emphasize either the botanical or the zoological sciences.

The following are the courses which are obligatory in the various options. Any additional courses needed to make up the minimum requirements of 66 units may be selected from any courses listed in the Announcement, subject to time table restrictions. No schedule may contain more than 75 units.

AGRICULTURAL ENGINEERING

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	34	..	..	2	2
Agricultural Engineering	35	..	3	..	3
Agricultural Engineering	37	2	..	2	..
Agricultural Engineering	38	1	2	1	2
Animal Husbandry	34	..	..	2	1
Chemistry	54 A, B	2	..	2	..
Economics	32	3	..	..	..
Plant Pathology	31	2	2	..	..
Mathematics	30	1	..	1	..
Total units		18		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	31	..	..	2	2
Agricultural Engineering	32	..	..	..	2
Agricultural Engineering	33	2	2	..	..
Agricultural Engineering	36	..	..	..	3
Agricultural Engineering	39	2	1	2	..
Agricultural Engineering	40	2	1	2	1
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Physics	36	1	1	..	..
Chemistry	33	2	2	..	..
Total units		20		17	

Total—73 units

AGRONOMY

PRODUCTION AND PLANT BREEDING GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	31	..	..	2	2
Agronomy	34	..	2	..	2
Agronomy	42	..	..	..	1
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33	2	2	..	..
Total units		19		20	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	33	2	2	..	..
Agronomy	32	2	1	..	.
Agronomy	33	2	1	..	.
Agronomy	35	..	..	2	1
Agronomy	36	..	..	2	1
Agronomy	38	2	..	..	..
Agronomy	42	..	..	..	1
Animal Husbandry	34	..	..	2	1
Economics	31	..	..	3	..
Entomology	34	..	..	2	2
Plant Pathology	31	2	2	..	..
Total units		16		17	

Total—72 units

PRODUCTION AND SOIL FERTILITY GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	34	..	2	..	2
Agronomy	42	..	..	..	1
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33	2	2	..	..
Total units		21		16	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	39 A	2	1	..	..
Agronomy	31	..	..	2	2
Agronomy	32	2	1	..	..
Agronomy	33	2	1	..	..
Agronomy	36	..	..	2	1
Agronomy	38	2	..	..	..
Agronomy	42	..	..	..	1
Bacteriology	32	2	2	..	..
Chemistry	30	2	..	2	..
Chemistry	301	..	3	..	3
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Total units		21		17	

Total—75 units

ANIMAL HUSBANDRY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Husbandry	30	2	1	..	..
Animal Husbandry	34	..	..	2	1
Animal Husbandry	35	..	..	..	3
Animal Husbandry	38	..	..	2	1
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	54 A, B	2	..	2	..
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33A	1	1	..	..
Total units		16		20	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Animal Husbandry	41	..	..	2	1
Animal Husbandry	42	..	3	..	..
Animal Husbandry	43	..	3	..	..
Animal Pathology	31	3	..	..	..
Animal Pathology	34	..	..	2	1
Dairying	30	2	2	..	..
Economics	31	..	..	3	..
Nutrition	30	2	..	2	..
Nutrition	300	..	..	..	2
Nutrition	32	..	..	2	..
Total units		18		18	

Total—72 units

BACTERIOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Bacteriology	33	..	..	1	3
Botany	34	..	2	..	..
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Physics	33	2	2	..	..
Total units		16		21	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	32	2	2	..	..
Bacteriology	34	..	..	2	2
Bacteriology	35	..	..	2	2
Bacteriology	36	..	3	..	3
Bacteriology	37	1	..	1	..
Bacteriology	38	1	3	..	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Chemistry	51	2	2	..	..
Total units		16		16	

Total—69 units

CHEMISTRY

ANIMAL BIOCHEMISTRY GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	31	1	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Mathematics	30	1	..	1	..
Physics	33	2	2	..	..
Total units		18		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	34	..	..	2	2
Chemistry	39	1	2	1	2
Chemistry	40	..	3	..	3
Chemistry	41	1	..	1	..
Chemistry	51	2	2	..	..
Chemistry	52	..	..	2	2
Nutrition	30	2	..	2	..
Nutrition	300	..	..	..	2
Physics	38	2	..	2	..
Total units		15		21	

Total—72 units

SOIL AND PLANT GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Mathematics	30	1	..	1	..
Physics	33	2	2	..	..
Total units		19		19	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	34	..	2	..	2
Agronomy	38	2	..	..	..
Bacteriology	32	2	2	..	..
Chemistry	31	1	2	..	..
Chemistry	39	1	2	1	2
Chemistry	40	..	3	..	3
Chemistry	41	1	..	1	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Physics	36	1	1	..	..
Physics	38	2	..	2	..
Total units		22		15	

Total—75 units

ECONOMICS

Students electing Economics as a major subject will take their third year work at Macdonald College and their fourth year work in the Department of Economics and Political Science at McGill University. They must have attained a standing in the first two years equivalent to at least second class honours according to the standards of the Faculty of Arts and Science, and have their courses approved by the Chairmen of the departments concerned. This option fulfils the academic requirements for admission to the Faculty of Graduate Studies and Research for work leading to the degree of Master of Arts. Unlike other options, a minimum of only 61 units is required.

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Animal Husbandry	30	2	1	..	..
or					
Horticulture	40 A	2	1	..	..
Animal Husbandry	34	..	..	2	1
or					
Horticulture	40 B	..	..	2	1
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A	..	2	..	..
Economics	30	..	..	3	..
Economics	31	..	..	3	..
Economics	32	3	..	..	..
Economics	33	3	..	3	..
Extension Methods	30	1	1	1	1
Total units		18		19	

FOURTH YEAR (at McGill)

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Economics	321	3	..	3	..
Economics	361	3	..	3	..
Economics	412	3	..	3	..
Elective		3	..	3	..
Total units		12		12	

321—Money and Banking.
361—Statistics.
412—Economic Analysis.

Total—61 units

ENTOMOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Entomology	30	2	2	2	2
Entomology	32	..	..	..	2
Entomology	37	..	1	..	1
Genetics	30	3	..	..	..
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		18		7	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	34	..	2	..	2
Entomology	33	2	2	2	2
Entomology	35	2	2	2	2
Entomology	37	..	1	..	1
Plant Pathology	31	2	2	..	..
Total units		15		11	

Third or Fourth Year (depending on session offered).

Entomology 36 — 2 lects., per week, 2nd term (1950-51).

Entomology 38 — 2 labs., per week, both terms.

Zoology 31 — 2 lects., 2 labs. per week, both terms (1951-52).

Total—65 units

ENTOMOLOGY — PARASITOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Entomology	30	2	2	2	2
Entomology	32	..	..	..	2
Parasitology	34	..	1	..	1
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		15		10	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Entomology	35	2	2	2	2
Parasitology	34	..	1	..	1
Parasitology	35	..	..	..	3
Total units		5		12	

Third or Fourth Year (depending on session offered).

Parasitology 36	2 lects., 2 labs, per week, 1st term. (1950-51)
Parasitology 37	2 lects., 2 labs, per week, 2nd term. (1950-51)
Parasitology 38	2 lects., 4 labs, per week, 2nd term. (1951-52)
Zoology 31	2 lects., 2 labs. per week, both terms. (1951-52)

Total—64 units

†GENERAL AGRICULTURE

THIRD YEAR—Obligatory courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
*Agronomy	43	2	..	2	..
*Agronomy	430	..	1	..	1
Animal Husbandry	34	..	..	2	1
Animal Pathology	30	..	..	3	..
or					
Botany	30,300	..	..	2	2
Chemistry	32	2	..	..	..
Physics	33 A	1	1	..	..
Plant Pathology	31	2	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Statistics (if and when offered)		..	1	..	1
Total units		16		14 or 15	

FOURTH YEAR—Obligatory courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Husbandry	30	2	1	..	..
Bacteriology	30	..	..	2	2
Economics	30	..	..	3	..
Economics	32	3	..	..	..
Extension Methods	30	1	1	1	1
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Nutrition	30	2	..	2	..
Total units		15		11	

Total—56 or 57 units

†It is intended that elective courses to bring the total units up to the requirements (minimum 66, maximum 75), shall be chosen from those listed on page 4554. However, other courses listed in the announcement may also be elected.

*To be taken by all students in this option with the exception of those who have taken an equivalent course elsewhere.

GENERAL AGRICULTURE—Elective Courses

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	32	2	1	..	..
or					
Agronomy	33	2	1	..	..
Agricultural Engineering	39 A	2	2	..	..
or					
Dairying	30	2	2	..	..
Animal Husbandry	41	..	..	2	1
Animal Husbandry	35	..	..	..	3
Economics	31	..	..	3	..
Poultry	33	3	..	..	..
Poultry	330	..	1	..	..
Horticulture	40 B	..	..	2	1
Total units		11		12	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	38	2	..	..	..
Agricultural Engineering	33	2	2	..	..
Agricultural Engineering	34	..	..	2	2
Agronomy	31	..	..	2	2
Animal Husbandry	38	..	..	2	..
Entomology	34	..	..	2	2
Animal Pathology	31	3	..	..	..
or					
Horticulture	40 A	2	1	..	..
Total units		9		14	

GENERAL BIOLOGY

BOTANICAL GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	34	..	2	..	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	31	..	..	2	1
Botany	32	..	2	..	..
Botany	34	..	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Physics	33	2	2	..	..
Plant Pathology	31	2	2	..	..
Total units		18		13	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Plant Pathology	33	2	2	..	..
Plant Pathology	35	..	1	..	1
Total units		10		9	

Third or Fourth Year (depending on session offered).

Zoology 31 2 lects., 2 labs. per week, both terms (1950-51).

Total—58 units

ZOOLOGICAL GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Botany	32	..	2	..	..
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Entomology	30	2	2	2	2
Entomology	37	..	1	..	1
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		19		10	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Entomology	34	..	..	2	2
Entomology	37	..	1	..	1
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Plant Pathology	31	2	2	..	..
Total units		10		12	

Third or Fourth Year (depending on session offered).

Entomology 36 — 2 lects., per week, 2nd term. (1950-51).

Zoology 31 — 2 lects., 2 labs, per week, both terms. (1950-51)

Total—61 units

HORTICULTURE

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
*Horticulture	38	2	..	..	..
*Horticulture	380	..	2	..	..
*Horticulture	39	..	..	2	..
*Horticulture	390	..	..	..	2
Physics	33	2	2	..	..
Plant Pathology	31	2	2	..	..
Total units					

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	34	..	2	..	2
Agricultural Engineering	39 A	2	2	..	..
Botany	33	..	2	..	1
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
*Horticulture	31	2	..	2	..
*Horticulture	310	..	2	..	2
*Horticulture	32	2	2	..	..
*Horticulture	35	..	..	2	2
Horticulture	36	..	..	2	1
Horticulture	37	..	1	..	1
Total units					

Total—70 units

*Horticulture specialists must take two of the following three groups: Horticulture 31,310: Horticulture 32 and 35: Horticulture 38,380 and 39,390.

PLANT PATHOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	31	..	..	2	1
Botany	32	..	2	..	..
Botany	34	..	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Physics	33	2	2	..	..
Plant Pathology	30	..	..	..	2
Plant Pathology	32	..	..	2	2
Plant Pathology	33	2	2	..	..
Total units		16		21	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	32	..	..	..	2
Agronomy	34	..	2	..	2
Botany	33	..	2	..	1
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Horticulture	40 B	..	..	2	1
Plant Pathology	35	..	1	..	1
Plant Pathology	36	2	2	2	2
Total units		14		17	

Total—68 units

POULTRY HUSBANDRY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Economics	30	..	..	3	..
Economics	32	3	..	..	..
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33	2	2	..	..
Poultry	33	3	..	..	..
Poultry	330	..	1	..	..
Poultry	37	..	..	..	2
Total units		20		12	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	32	2	1	..	..
Agronomy	34	..	2	..	2
Animal Pathology	32	..	2	..	..
Animal Husbandry	38	..	..	2	1
or					
Chemistry	47	..	..	2	..
Chemistry	470	..	..	2	..
Economics	31	..	..	3	..
Poultry	35	1	1	1	1
Poultry	36	..	2	..	2
Poultry	37	..	3	..	3
Total units		14		15 or 16	

Third or Fourth Year (depending on session offered).

Poultry 31 — 2 labs., per week, 1st term (1951-52).

Poultry 34 — 2 lects., 1 lab. per week, 2nd term. (1951-52).

Poultry 38 — 2 lects., 1 lab. per week, 2nd term, (1951-52).

Total—69 or 70 units

SUMMER WORK REQUIREMENTS

Students majoring in Agronomy will be required to spend one summer in the Agronomy Department at the College, or at some other approved college or experimental farm. This may be between the second and third, or third and fourth years. Arrangements will be made during this time to put the student in touch with each of the phases of the department's work.

Students majoring in Agricultural Engineering will be required to work for a summer in some phase of agricultural engineering work approved by the Agricultural Engineering Department.

Students majoring in Animal Husbandry will be required to work for a summer on a farm approved by the Animal Husbandry Department.

Students majoring in Horticulture will be required to work for a summer on a vegetable farm, a fruit farm, or a nursery, or in a greenhouse.

Students majoring in Entomology or Plant Pathology will be required to spend one summer in field or laboratory work, either at the College immediately under the direction of the department concerned, or in one of the Government laboratories, or in some other place approved by the department concerned.

Students majoring in Poultry Husbandry will be required to work for a summer on a poultry farm approved by the Poultry Husbandry Department.

SUMMER WORK FOR B.Sc. (Agr.) STUDENTS

A certain number of students who have completed at least one session in the B.Sc. (Agr.) course may be employed during the spring and summer months to assist in the work of the various departments of the College. Such students will be paid according to the character and quantity of their work and, whilst in residence, will have to conform to the usual regulations. No other students may remain in residence without special permission from the Dean.

DESCRIPTION OF COURSES—

DEPARTMENT OF AGRICULTURAL ENGINEERING

Professor L. G. HEIMPEL

Assistant Professors J. H. COOPER
A. C. MALLOCH

31. FARM BUILDINGS

Requirements, design and construction of various farm buildings, insulation, heat loss, ventilation and sanitation. Prerequisite, Agr. Eng. 35A and 37.

2 lects., 2 labs., per wk., 2nd term. *Professor Heimpel*
Text Book:—Foster and Carter—Farm Buildings.

32. SPRAYING AND DUSTING EQUIPMENT

A laboratory study of high pressure pumps, dusting machines, spray guns, and other equipment.

2 labs. per wk., 2nd term. *Professor Malloch*

33. FARM MACHINERY

A study of tillage, harvesting, and crop processing machinery. Field tests, dynamometer studies, hitches and eveners.

2 lects., 2 labs., per wk., 1st term. *Professor Malloch*
Text Book:—Smith—Farm Machinery and Equipment.

34. FARM POWER MACHINERY

A study of internal combustion engines, tractors, and power transmission. Steam and its applications.

2 lects., 2 labs., per wk., 2nd term. *Professor Cooper*
Text Book:—Jones—Farm Gas Engines and Tractors.

35. AGRICULTURAL DRAFTING

A. The use of drawing instruments, projection, elementary architectural drawing.
B. Perspective, architectural and machine drawing.

3 labs. per wk., 2 terms. *Professor Malloch*

36. PROJECTS

Second term. Credit—one-half course. *Professor Heimpel*

37. MECHANICS OF MATERIALS

Resolution and composition of force systems; force polygons; centres of gravity; reactions and stresses in structures. Strength of materials.

2 lects. per wk., 2 terms. *Professor Cooper*
Text Book:—Poorman—Applied Mechanics.

38. SHOPWORK

Hand and power equipment in woodworking; structural joints and fastenings. Identification of iron and steel; forging; welding and tempering. Ropework and belting.

1 lect., 2 labs., per wk., 2 terms. *Professor Cooper*

39. ENGINEERING FOR LAND DEVELOPMENT

Part I. Methods of land surveying applicable to agriculture, including area surveys, levelling, mapping, and making of drainage profiles: land drainage. Part II. Engineering aspects of erosion control, irrigation, and land clearing. Prerequisite, Part I. Course value, 6 units. Non-specialists may elect Part I only if desired.

Part I, 2 lects., 1 lab., per wk., 1st term and 5 days of field work prior to opening date of session. Part II, 2 lects. per wk., 2nd term.

Professor Heimpel

Text Book:—Ayres and Scoates—Land Drainage and Reclamation.

40. FARM ELECTRIFICATION

Applied electricity, current distribution on the farm, wiring codes, motors and electric equipment for the farm.

2 lects., 1 lab., per wk., 2 terms. *Professor Cooper*

AGRICULTURE

Offered jointly by the departments of Agricultural Engineering, Agronomy, Animal Husbandry, Economics, Horticulture, and Poultry Husbandry.

10. AGRICULTURE

An orientation course giving the student an opportunity to obtain a general view of agriculture, and some idea of the nature and problems of the various branches in relation to each other and to the sciences.

1st Yr.:—2 lects., 1 lab., per wk., 2 terms.

20. AGRICULTURE

In continuation of Course 10.

2nd Yr.:—2 lects., 1 lab., per wk., 2 terms.

DEPARTMENT OF AGRONOMY

Professor	L. C. Raymond
Associate Professor	E. A. Lods
Assistant Professors	H. A. Steppler
	R. I. Brawn

31. CEREAL CROPS

An intensive study of cereal crops; production, marketing, uses, types, varieties, strains, commercial and seed grades.

2 lects., 2 labs., per wk., 2nd term. *Professor Lods*

32. HAY AND PASTURE CROPS

Similar to Cereal Crops.

2 lects., 1 lab., per wk., 1st term. *Professor Steppler*

33. ROOTS, CORN AND OTHER SILAGE CROPS

Similar to Cereal Crops.

2 lects., 1 lab., per wk., 1st term. *Professor Raymond*

34. EXPERIMENTATION

A study of factors involved, statistical methods, designs of experiments and interpretation of results.

2 labs. per wk., 2 terms. *Professor Steppler*

35. PLANT BREEDING

Problems, methods, and the interpretation of results, in the breeding of field crops. Prerequisite:—Genetics 30, and Botany 33 or one Crops Course.

2 lects., 1 lab., per wk., 2nd term. *Professor Brawn*

36. CROP ADAPTATION AND DISTRIBUTION

Factors influencing crop adaptation and their effect on distribution. Agronomic organizations.

2 lects., 1 lab., per wk., 2nd term. *Professor Brawn*

38. SOIL MANAGEMENT

An analysis of factors influencing soil productivity and their control. Prerequisite:—Chemistry 33 and Physics 36.

2 lects. per wk., 1st term. *Professor Steppler*

42. PROJECTS

Directed study on an approved problem, either in the breeding or production phase.

1 lab. per wk., 2nd term. 3rd and 4th years. *Professor Raymond and Staff*

43. FIELD CROP PRODUCTION

Designed for students other than specialists in Agronomy. A study of field crops, their adaptation, weed control, and seed production.

2 lects. per wk., 2 terms. *Professor Lods*

430 LABORATORY PORTION OF COURSE 43

1 lab. per wk., 2 terms.

DEPARTMENT OF ANIMAL HUSBANDRY

Professors	A. R. NESS E. W. CRAMPTON
Associate Professor	LIONEL H. HAMILTON
Lecturer	J. E. MOXLEY
Instructor in Dairying	C. MORIN

30. SWINE PRODUCTION

Care, feed, and management of swine. Special problems of bacon hog production. Swine experimentation and interpretation of results.

2 lects., 1 lab., per wk., 1st term. *Professor Hamilton*

34. DAIRY CATTLE PRODUCTION

The production of dairy cattle, with special reference to the problems of the dairy cattle industry; breeding, care and management of dairy cattle; and dairy cattle organizations.

2 lects., 1 lab., per wk., 2nd term. *Professor Ness*

35. LIVESTOCK JUDGING AND MANAGEMENT

An introductory course dealing with the principles and practice of livestock judging.

3 labs. per wk., 2nd term. *Professors Ness and Hamilton and Mr. Moxley*

38. ANIMAL BREEDING

Genetics in relation to the breeding of farm animals. Prerequisite:—Genetics 30.

2 lects., 1 lab., per wk., 2nd term. *Mr. Moxley*

41. HORSES, SHEEP AND BEEF CATTLE

A course covering the important features of the production of these classes of stock in Canada.

2 lects., 1 lab., per wk., 2nd term. *Professor Hamilton*

42. PROJECTS

In special cases, permission may be obtained to substitute Nutrition 33—Seminar—for this course.

3 labs. per wk., 1st term. *Professor Ness and Staff*

43. LIVESTOCK JUDGING AND MANAGEMENT

An advanced course in livestock judging and management. This course includes visits to various farms, breeding establishments, and livestock shows.

3 labs. per wk., 1st term. *Professors Ness and Hamilton and Mr. Moxley*

DEPARTMENT OF ANIMAL PATHOLOGY

Lecturer DAVID HOUSE

30. ELEMENTARY PHYSIOLOGY

3 lects. per wk., 2nd term. *Dr. House*

31. DISEASE PREVENTION (a)

General principles of disease prevention, elementary immunology, sanitation and hygiene. Prerequisite:—Animal Pathology 30 and Bacteriology 30 or its equivalent.

3 lects. per wk., 1st term. *The staff*

32. POULTRY DISEASES

Autopsies, laboratory work, and demonstrations. Prerequisite : — Bacteriology 30.

2 labs. per wk., 1st term. *The staff*

34. DISEASE PREVENTION (b)

Specific problems in the prevention of diseases of animals caused by bacteria, viruses, internal parasites, external parasites, and nutritional deficiences. Prerequisite:—Animal Pathology 31.

2 lects., 1 lab., per wk., 2nd term. *The staff*

DEPARTMENT OF BACTERIOLOGY

Associate Professor P. H. H. GRAY

30. GENERAL MICROBIOLOGY

This course is a prerequisite to the courses listed below.

2 lects., 2 labs., per wk., 2nd term. *Professor Gray*

Text Book:—Frobisher—Fundamentals of Bacteriology. For students in other options, Bryan & Bryan—Bacteriology (College Outline Series).

32. SOIL MICROBIOLOGY

2 lects., 2 labs., per wk., 1st term. *Professor Gray*

33. LABORATORY METHODS

1 lect., 3 labs., per wk., 2nd term.

Text Book:—Bryan & Bryan—Principles and Practice of Bacteriology (College Outline Series).

34. FOOD MICROBIOLOGY

2 lects., 2 labs., per wk., 2nd term.

35. DAIRY BACTERIOLOGY

2 lects., 2 labs., per wk., 2nd term. *Professor Gray*

36. PROJECTS

3 labs. per wk., 2 terms. *Staff*

37. SEMINAR

1 hour per wk., 2 terms. *Staff*

38. PHYSIOLOGY OF MICRO-ORGANISMS

1 lect., 3 labs., per wk., 1st term.

BOTANY

10. INTRODUCTORY BOTANY

A study of the flowering plant as a living organism with fundamentals of structure, physiology, and reproduction, and an introduction to the general morphology of plants involving consideration of representative types of the several groups of the plant kingdom.

1st Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Callen* (*Department of Plant Pathology*)

30. PLANT PHYSIOLOGY

2 lects. per wk., 2nd term. *Professor Ludwig* (*Department of Plant Pathology*)

300. LABORATORY PORTION OF COURSE 30

2 labs. per wk., 2nd term.

31. HISTOLOGY AND CYTOLOGY

A detailed study of cells, cell division, tissues and their development, etc.

2 lects., 1 lab., per wk., 2nd term. *Professor Ludwig*

32. PLANT MORPHOLOGY

2 labs. per wk., 1st term. *Professor Callen*

33. SYSTEMATIC BOTANY

2 labs. per wk., 1st term; 1 lab. per wk., 2nd term. *Professor Callen*

34. HISTOLOGICAL TECHNIQUE

The preparation for the microscope of permanent stained mounts of at least twelve separate items. See Plant Pathology 30.

2 labs. per wk., 1st term. *Professor Ludwig*

DEPARTMENT OF CHEMISTRY

Professor	R. H. COMMON
Associate Professor	W. A. DELONG
Assistant Professor	B. E. BAKER
Lecturer	B. B. COLDWELL

10. INORGANIC CHEMISTRY

1st Yr.:—3 lects., 2 labs., per wk., 2 terms. *Mr. Coldwell*

Text Book:—Jones—Inorganic Chemistry (Blakiston).

20. ORGANIC CHEMISTRY

2nd Yr.:—3 lects., 2 labs., per wk., 2 terms. *Professor Baker*

Text Book:—Wertheim, Textbook of Organic Chemistry (Blakiston).

30. ANALYTICAL CHEMISTRY

2 lects. per wk., 2 terms. 1st term, Qualitative. 2nd term, Quantitative. *Professor DeLong*

300. LABORATORY PORTION OF COURSE 30

4 labs. per wk., 2 terms.

301. ABRIDGED LABORATORY PORTION OF COURSE 30

3 labs. per wk., 2 terms.

31. ORGANIC CHEMISTRY

Preparations.

1 lect., 2 labs., per wk., 1st term. *Professor Baker*

32. GENERAL BIOCHEMISTRY

Carbohydrates; amino-acids and proteins; lipids; properties, nature and classification of enzymes.

2 lects. per wk., 1st term. *Professor Common*

Text Book:—Harrow—Textbook of Biochemistry, 4th edition (Saunders)

320. LABORATORY PORTION OF COURSE 32

2 labs. per wk., 1st term.

33. SOILS—SOIL CHEMISTRY

Joint course with Physics 36. Offered for the last time in 1950-51. Characteristics of the major soil groups; fundamental relations of the composition and properties of soil to soil fertility.

2 lects., 2 labs., per wk., 1st term. *Professor DeLong*

Text Book:—Lyon and Brickman—The Nature and Properties of Soils (Macmillan).

39. PHYSICAL CHEMISTRY

1 lect., 2 labs., per wk., 2 terms. *Professor Baker*

Text Book:—Getman and Daniels—Outlines of Physical Chemistry (Wiley).

40. ASSIGNED PROJECTS

3 labs. per wk., 2 terms. *Staff*

41. SEMINAR

1 lect. per wk., 2 terms. *Staff*

47. PHYSIOLOGICAL CHEMISTRY

Prerequisites:—Chemistry 32 and Physics 33. Alimentary digestion; digestion; composition and properties of blood and bile; gaseous exchange and acid base equilibrium; metabolism of nutrients and tissue respiration, urine.

Laboratory work parallels the lecture course and includes blood and urine analysis.

2 lects. per wk., 2nd term. *Professor Common*

Text Book:—Harrow—Textbook of Biochemistry, 4th edition (Saunders).

470. LABORATORY PORTION OF COURSE 47

2 labs. per wk., 2nd term.

48. PLANT BIOCHEMISTRY

Prerequisites:—Chemistry 32 and Physics 33. Chemistry of plant nutrition with particular reference to the inorganic elements and interrelations in the metabolism of inorganic and organic substances.

2 lects. per wk., 2nd term. *Professor DeLong*

480. LABORATORY PORTION OF COURSE 48

2 labs. per wk., 2nd term.

50. TEXTILE CHEMISTRY

See page 4596.

51. CHEMISTRY OF FOODS AND FEEDING STUFFS

Principles of analysis, including a more detailed treatment of sugars, starches, oils, and fats; analytical chemistry of milk and milk products.

2 lects., 2 labs., per wk., 1st term. *Professor Common*

52. ADVANCED FOOD ANALYSIS

A specialized course including the determination of minor elements, amino acids, and vitamins; control analysis in food processing.

2 lects., 2 labs., per wk., 2nd term. *Professor Common*

54a. INTRODUCTORY SOIL SCIENCE PART I

Geology as related to soil formation; the characteristics, physical properties, and genesis of the major soil groups.

2 lects. per wk., 1st term. *Professor DeLong*

540a. LABORATORY PORTION OF COURSE 54a

2 labs. per wk., 1st term.

54b. INTRODUCTORY SOIL SCIENCE PART II

Soil classification; the fundamental relations of the composition and properties of soils to soil fertility.

2 lects. per wk., 2nd term. *Professor DeLong*

540b. LABORATORY PORTION OF COURSE 54b

2 labs. per wk., 2nd term.

DAIRYING

30. THE DAIRY INDUSTRY

Its importance in Canadian agriculture, the relative importance of the various products, and an analysis of the trade. The farm dairy and its equipment. The composition, quality, value, care, and sale of milk and cream. Quality and defects in butter, cheese, and other dairy products. Instruction in testing, separating, buttermaking and cheesemaking.

2 lects., 2 labs., per wk., 1st term. *Mr. Morin (Department of Animal Husbandry)*

DEPARTMENT OF ECONOMICS

Professors G. L. BURTON
D. L. MACFARLANE

20. PRINCIPLES OF ECONOMICS

The anatomy of the Canadian economy, especially the agricultural, household, and governmental segments. The business firm and the industry; price and output. Money; the Canadian banking system; national income and employment. The distribution of wealth and income. International trade.

2nd Yr.:—3 lects. per wk., 2nd term. *Professor MacFarlane*

30. MARKETING OF FARM PRODUCTS

A study of the marketing of the principal farm products and an analysis and appraisal of private, co-operative, and governmental marketing facilities, with reference to the width of marketing and processing margins.

3 lects. per wk., 2nd term. *Professor Burton*

31. ECONOMICS OF AGRICULTURE

The Canadian farm industry; the regionalism of production; the distribution of the labor force and of financial returns in Canadian agriculture; farm efficiency. The relation between agriculture and other Canadian industries. The economic background of farm policy. The international trade position of Canadian agriculture.

3 lects. per wk., 2nd term. *Professor MacFarlane*

32. FARM ACCOUNTING AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts, and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. The economics of farm production and farm management decisions. A farm visit followed by a detailed analysis of the business of this farm and of three other farms involving the preparation of farm plans and budgets covering present and proposed farm management schemes.

3 lects. per wk., 1st term. *Professor MacFarlane*

33. ECONOMIC ANALYSIS

An intermediate course in economic theory concerned with an analysis of the forces determining the level of prices, production, and employment. The first term work can be taken without the second.

3 lects. per wk., 2 terms. *Professor Burton*

See note concerning graduate work on page 4550.

DEPARTMENT OF ENGLISH

Associate Professors H. R. C. AVISON
C. WAYNE HALL

14. ENGLISH COMPOSITION

Instruction and practice in the elements of good speech and good writing: 1 lecture period per week, conference hours and written themes to the equivalent of 1 lab. period per week 2 terms. A student failing in the year's work will be required to repeat this course until the necessary standard has been attained.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

16. ENGLISH LITERATURE

A study of the forms of literature—mainly poetry, fiction, drama, from Anglo-Saxon times to about 1880—with special attention to those factors which condition literary taste and judgment. A schedule of topics and readings will be available before the course begins.

1st Yr.:—2 lects. per wk., 2 terms. *Professor Avison*

25. MODERN LITERATURE

An extension of Course 16, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by third or fourth year students.

2nd Yr.:—2 lects. per wk., 1st term; 1 lect. per wk., 2nd term.

Professor Hall

26. SPEAKING AND WRITING

An extension of Course 14 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by third or fourth year students: it is required for Extension Methods 30, but should be taken, if possible, in the second year.

2nd Yr.:—2 lects. per wk., 1st term; 1 lect. per wk., 2nd term.

Professors Avison and Hall

All second year degree course students must take either English 25 or English 26. The prerequisite to these courses is successful completion of Senior Matriculation English Literature and Composition, or English 14 and 16 at Macdonald College.

31. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, will emphasize the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. Not given for fewer than 5 students.

1 lect. per wk., 1st term; 2 lects. per wk., 2nd term. *Professor Avison*

32. MODERN DRAMA

A reading course in modern English and American drama with special attention to trends and developments since 1900. Not given for fewer than 5 students.

2 lects. per wk., 1st term; 1 lect. per wk., 2nd term. *Professor Hall*

EXTENSION METHODS

30. EXTENSION METHODS

Study group technique; extension methods in agriculture, household science; rural sociology.

Laboratory work will comprise participation in debates, conduct of public meetings and similar activities, and the operation of the Rural Problems Club, which will meet weekly from November 1st to March 31st. Membership in the Club will be open to all students in Agriculture, Household Science, and the School for Teachers. Students who elect this course will also be required to take English 26, unless this course was taken in the second year.

1 lect., 1 lab., per wk., 2 terms. *Professor Avison and Committee*

DEPARTMENT OF ENTOMOLOGY

Professor W. H. BRITTAIN

Associate Professors E. MELVILLE DUPORTE
F. O. MORRISON

Assistant Professor W. E. WHITEHEAD

30. INSECT MORPHOLOGY

2 lects., 2 labs., per wk., 2 terms. *Professor DuPorte*

32. ENTOMOLOGICAL TECHNIQUE

Prerequisite:—Zoology 32.

2 labs. per wk., 2nd term. *Professor Whitehead*

33. ECONOMIC ENTOMOLOGY

The principles and practice of Applied Entomology from a professional standpoint, including a survey of the Class *Hexapoda* with special reference to biological and economic aspects. A representative collection of economic insects including at least 50 adults. 20 larvae and five complete life history sets will be required of all students taking this course.

2 lects., 2 labs., per wk., 2 terms. *Professor Morrison*

34. GENERAL AND ECONOMIC ENTOMOLOGY

A more elementary course similar to the foregoing, but suited to the general student. A collection of 25 adult insects, 10 larvae and one complete life history set, representative of common economic insects, will be required of each student taking the course.

2 lects., 2 labs., per wk., 2nd term. *Professor Morrison*

35. SYSTEMATIC ENTOMOLOGY

The classification of the principal groups of insects. Each student will bring to the class at least 50 representatives of the main orders of insects which he has collected, mounted and labelled according to the instructions given in Course 32. He will choose a special group for more detailed study which may be included in the above collection. Prerequisite: Entomology 30.

2 lects., 2 labs., per wk., 2 terms. *Professor Whitehead*

36. INSECT ECOLOGY

The influence of the environment on the development, activities, distribution, and abundance of insects.

2 lects. per wk., 2nd term. Given in 1950-51. *Professor DuPorte*

37. SEMINAR

Presentation and discussion of reports on: (1) Assigned topics; (2) Recent work in Entomology and Zoology; (3) Original investigation.

1 lab. per wk., 2 terms. *Professors Brittain and DuPorte*

38. PROJECTS

One or more problems entailing private investigation will be allotted to each student at the beginning of his third year. The work done should be equivalent to

2 labs. per wk., 2 terms. *Staff*

39. ECONOMIC ENTOMOLOGY

A laboratory course supplemental to Course 33, open only to students who are majoring in Entomology and have received the permission of the department.

1 lab. per wk., 2 terms. *Professor Brittain*

GENETICS

30. ELEMENTARY GENETICS

The modern conception of inheritance, applicable to both plants and animals, with some reference to human inheritance.

3 lects. per wk., 1st term. *Professor Brawn (Department of Agronomy)*

300. LABORATORY PORTION OF COURSE 30

Practical illustrations from the fruit fly (*Drosophila melanogaster*), and from corn.

2 labs. per wk., 1st term.

DEPARTMENT OF HORTICULTURE

Associate Professor H. R. MURRAY

Assistant Professors JEAN DAVID
A. N. NUSSEY

Lecturer D. W. PETTIT

31. VEGETABLE CROPS

The principles of vegetable growing including economic importance, geography, types and varieties, cultural requirements, harvesting, grading, marketing, and storage as applied to the important crop plants.

2 lects. per wk., 2 terms. *Professor Murray*

310. LABORATORY PORTION OF COURSE 31

2 labs. per wk., 2 terms.

32. LANDSCAPE ARCHITECTURE

Description, characteristics, and identification of ornamental plants, propagation, nursery practices, and care of plant material; landscape plans, sketches, designs, drafting and specifications, as applied to rural and urban homes, estates, parks, playgrounds, etc.

2 lects., 2 labs., per wk., 1st term. *Mr. Pettit*

35. FLORICULTURE

History, development, varieties, propagation, and culture of flowers, with consideration of harvesting, grading, packing, storage, and marketing. Decoration, floral designs, arrangement of baskets, bouquets, and designs, table and house decoration. Trips to greenhouse establishments.

2 lects., 2 labs., per wk., 2nd term. *Mr. Pettit*

36. PLANT BREEDING

A study of the principles of genetics as applied to the breeding and improvement of horticultural crop plants. The development of breeding methods for different types of plants will be given special consideration. Lectures will be supplemented by practice periods in the greenhouse. Prerequisite:—Genetics 30 and 300.

2 lects., 1 lab., per wk., 2nd term. *Professor Murray*

37. SEMINAR

Presentation and discussion of reports on assigned topics, recent work and developments in horticulture and reports on the original investigations of the students and staff.

1 period per wk., 2 terms. *Professor Murray and Staff*

38. POMOLOGY (ORCHARD FRUITS)

The fundamentals of orchard fruit propagation, production and marketing, with visits to orchards, markets, and cold storage establishments.

2 lects. per wk., 1st term. *Professor Nussey*

380. LABORATORY PORTION OF COURSE 38

2 labs. per wk., 1st term.

39. POMOLOGY (SMALL FRUITS)

The fundamentals of small fruit propagation, production, and marketing, with visits to producing areas and marketing establishments.

2 lects. per wk., 2nd term. *Professor Nussey*

390. LABORATORY PORTION OF COURSE 39

2 labs. per wk., 2nd term.

40. HORTICULTURAL CROPS

A course dealing with the more important branches of horticulture designed for students other than horticulture specialists.

a. A study of tree and bush fruits with attention to improving the home surroundings.

b. A study of potatoes as a cash crop, canning, and other special crops. The farm garden; landscaping the farm home.

Under special conditions either A or B may be taken by permission.

2 lects., 1 lab., per wk., 2 terms. *Professor Nussey and Mr. Pettit*

MATHEMATICS

10. ELEMENTARY MATHEMATICAL ANALYSIS

An introduction to functions and their graphical representation; solution of equations; logarithms; trigonometry; binomial theorem; compound interest; permutations, combinations and probability.

1st Yr.:—3 lects. per wk., 2 terms. *Professor Henry (School for Teachers)*

20. CALCULUS

Analytical geometry, differential and integral calculus.

2nd Yr.:—3 lects. per wk., 2 terms.
Professor Rowles (Department of Physics)

30. ELEMENTARY DIFFERENTIAL EQUATIONS

An introduction to differential equations with selected applications in physical, chemical, and biological science.

1 lect. per wk., 2 terms. *Professor Oliver (Department of Physics)*

DEPARTMENT OF NUTRITION

Professor E. W. CRAMPTON

Assistant Professors G. C. ASHTON
F. A. FARMER

30. FUNDAMENTALS OF NUTRITION

The nutritionally important components of foods and their physiological functions. Measurement of the nutritive values of foods. Determination of the nutritive requirements of the body for maintenance; and for growth, reproduction, and lactation.

2 lects. per wk., 2 terms. *Professors Crampton and Farmer*

300. NUTRITION LABORATORY

Methods of nutrition experimentation including actual carrying out of comparative feeding trials, digestion experiments, nitrogen balances; determination of physiological fuel values; vitamin bioassays; basal metabolism studies. Elementary statistical analysis and interpretation of the data from these experiments and the preparation of technical reports for submission.

2 labs. per wk., 2nd term. *Professors Crampton, Ashton, and Farmer*

32. ANIMAL FEEDSTUFFS

The classification of feeds and a study of their nutritionally significant characteristics.

2 lects. per wk., 2nd term. *Professor Crampton*

33. SEMINAR

1 lab., per wk., 2 terms. *Staff*

PARASITOLOGY

34. SEMINAR

1 lab. per wk., 2 terms. *Professors DuPorte and Cameron*

Students will attend the combined Entomology-Parasitology Seminar.

35. PROJECTS

A problem may be selected in Protozoology, Medical Entomology, or Helminthology. The object of the problem is to enable the student:—(1) To do more intensive work in some selected field; (2) To obtain an introduction to the methods of scientific research.

3 labs. per wk., 2nd term. *Professors Cameron and DuPorte*

36. PROTOZOOLOGY

A morphological, biological and systematic study of protozoa with special reference to the parasites of domestic animals. Protozoological technique.

2 lects., 2 labs., per wk., 1st term. Given in 1950-51. *Professor DuPorte (Department of Entomology)*

37. MEDICAL ENTOMOLOGY

A systematic and biological study of insects concerned in the causation of disease in man and domestic animals. Prerequisite:—Entomology 30.

2 lects., 2 labs., per wk., 2nd term. Given in 1950-51. *Professor DuPorte (Department of Entomology)*

38. HELMINTHOLOGY

A morphological, biological, and systematic study of the helminths with special reference to the parasites of domestic animals. Helminthological technique.

2 lects., 4 labs., per wk., 2nd term. Given in 1951-52. *Professor Cameron (Institute of Parasitology).*

DEPARTMENT OF PHYSICS

Professor	WILLIAM ROWLES
Associate Professor	W. F. OLIVER
Lecturer	J. K. KINNEAR

12. GENERAL PHYSICS

An elementary course dealing with the subject chiefly from the experimental side, with selected problems based on the fundamental principles. The course is designed to familiarize the students with the more important laws of physics and to furnish the necessary basis for later work.

1st Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Rowles*

22. GENERAL PHYSICS

A continuation course which covers the same ground as Physics 12, but with more intensive treatment. Certain topics will receive special emphasis and additional phases of the subject will be considered.

2nd Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Oliver*

32. METEOROLOGY

A study of the factors which condition climate and weather, etc.

1 lect. per wk., 2nd term. *Professor Rowles*

33. BIOPHYSICS

(Prerequisite to Chemistry 47 and 48). A study of the gas laws, osmosis, surface phenomena, electrolytic dissociation, pH, colloidal state, X-rays in biology, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Rowles and Mr. Kinnear*

33a. BIOPHYSICS

An abridged course covering selected parts of Physics 33.

1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

36. SOILS—SOIL PHYSICS

Soil texture as determined by mechanical analysis, soil moisture and its movement, soil constants and their measurement, physical properties of

colloids and their effects on soil behaviour, dynamometer studies in relation to physical properties of soil, etc.

1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

38. MOLECULAR AND ATOMIC PHYSICS

A discussion of kinetic theory including Maxwell's distribution law, the laws of thermodynamics, atomic structure, charge on the electron, isotopes, circular orbit theory for hydrogen, vacuum tubes, X-rays and crystal structure, radioactivity, etc. A portion of the time is devoted to laboratory work.

2 lects. per wk., 2 terms. *Professor Oliver*

DEPARTMENT OF PLANT PATHOLOGY

Professor	JOHN G. COULSON
Emeritus Professor	G. W. SCARTH
Associate Professor	R. A. LUDWIG
Assistant Professor	E. O. CALLEN

30. TECHNIQUE

The preparation and standardization of media. Inoculation methods, etc. Photomicrography and the optical equipment necessary.

Students taking the Plant Pathology Option will be required to take that part of course Zoology 32 dealing with illustrations. Graduate students may take this work without credit.

2 labs. per wk., 2nd term. *Professor Ludwig*

31. DISEASES OF PLANTS

A study of the common diseases and their control. Use of spray calendars. Preparation of fungicides, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Coulson*

32. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause and control.

Myxomycetous, phycomycetous, ascomycetous, and non-parasitic diseases.

2 lects., 2 labs., per wk., 2nd term. *Professor Coulson*

33. MYCOLOGY

A study of fungi as concerning taxonomy, morphology, sexuality, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Callen*

34. PROJECTS

One or more problems entailing private investigation will be allotted each student.

Minimum of 2 labs. per wk., 2 terms. *Staff*

35. SEMINAR

A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc., in the field of General Botany, Physiology, Cytology, Histology, Morphology, Ecology, Taxonomy, Genetics, Mycology, Pathology. Attention will be more especially directed to such articles as have application in Plant Pathology or Mycology.

1 period per wk., 2 terms. *Staff*

36. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause and control.

Basidiomycetous, fungi imperfecti, bacterial and virus diseases.

2 lects., 2 labs., per wk., 2 terms. *Professors Ludwig and Coulson*

DEPARTMENT OF POULTRY HUSBANDRY

Associate Professors W. A. MAW
N. NIKOLAICZUK

31. HISTORY OF BREEDS AND JUDGING

The origin, domestication and development of the various breeds of chickens, turkeys, ducks, and geese. Advanced practice in judging on the basis of type and colour standards.

2 labs. per wk., 1st term. Given in 1951-52. *Professor Maw*

33. GENERAL POULTRY HUSBANDRY

The general principles and practice of poultry production and marketing.

3 lects. per wk., 1st term. *Professor Nikolaiczuk*

330. LABORATORY PORTION OF COURSE 33

Exercises in poultry selection and demonstrations of other applied aspects of poultry production.

1 lab. per wk., 1st term. *Professor Nikolaiczuk*

34. BREEDING PRINCIPLES

The fundamental principles underlying poultry breeding. Prerequisites: —Genetics 30; Poultry Husbandry 31 and 33.

2 lects., 1 lab., per wk., 2nd term. Given in 1951-52. *Professor Maw*

35. POULTRY FARM MANAGEMENT

Poultry farming as a business; size of business, economic aspects of capital and labour involved; farm layout and buildings; arrangement; equipment, inventories, cost accounts and other records. Prerequisite:—Poultry Husbandry 33.

1 lect., 1 lab., per wk., 2 terms. *Professor Maw*

36. RESEARCH

A study of method in conducting experiments and analysis of data. Prerequisite:—Poultry Husbandry 33.

2 labs. per wk., 2 terms. *Professor Nikolaiczuk*

37. ASSIGNED PROJECTS

3rd Yr.:—2 labs. per wk., 2nd term; 4th Yr.:—3 labs. per wk., 2 terms. *Professors Maw and Nikolaiczuk*

38. POULTRY NUTRITION

A study of the composition of feeds, balanced rations and feeding practice as applied to the production of poultry. Prerequisite:—Poultry Husbandry 33.

2 lects., 1 lab., per wk., 2nd term. Given in 1951-52. *Professor Nikolaiczuk*

SOCIOLOGY

40. INTRODUCTION TO SOCIOLOGY (The Community)

An examination of the social patterns of our society, with emphasis on group relationships.

3 lects. per wk., 1 term.

ZOOLOGY

20. GENERAL ZOOLOGY

An introduction to animal structure physiology, and classification. Representatives of the chief phyla are studied and used to introduce some of the general principles of Zoology.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors DuPorte, Morrison, and Whitehead (Department of Entomology)*

31. COMPARATIVE VERTEBRATE ANATOMY

2 lects., 2 labs., per wk., 2 terms. Given in 1951-52.
Professors DuPorte and Whitehead (Department of Entomology)

32. HISTOLOGICAL TECHNIQUE

The preparation of histological slides and the technique of making scientific drawings.

Students taking the Entomology Option will be required to take that part of the course Plant Pathology 30 which deals with photography and the use of the microscope. Graduate students may take this work without credit.

2 labs. per wk., 1st term. *Professor Whitehead (Department of Entomology)*

EXAMINATIONS

B.Sc. (AGR.) AND B.Sc. (H.Ec.) COURSES.

All students will be required to give satisfactory evidence of mastery of the material of lecture and laboratory. First and second year examinations will be held at the end of the first term in all courses. In all years examinations will be held at the conclusion of each course, at which time the examiner will pass in to the Registrar a mark giving the final standing of each student in all the work of the course.

First year sudents who obtain an average of less than 40 per cent in the first term examinations will not be permitted to continue with the work of the second term.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4519.

Upon payment of a fee of $10, a student may apply to the office of the Dean to have an examination paper re-read.

Students who are allowed to repeat a year do so on probation. Students whose work or conduct during the year proves unsatisfactory may also be placed on probation involving loss of certain privileges. The type of probation will vary with individual cases.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent.

In the first and second years, 80 per cent and over is first class standing; 65 to 79 per cent, second class; 50 to 64 per cent, third class or pass.

ADVANCEMENT FROM YEAR TO YEAR

In the first and second years, any student whose final mark is less than 50%, or who fails in courses of the year's work to an aggregate value of

more than 450 marks will be required to repeat the year. Any student who fails in courses of the year's work to an aggregate value of 450 marks or less and whose average is at least 50%, may write supplemental examinations in all failed courses the following September. However, a student who fails in English 14 (Composition) will be required to repeat the course until the necessary standard has been attained.

No student may enter the second year carrying a condition in more than one subject of first year work, and no student may enter the third year carrying a condition in more than one subject of second year work.

No student may enter the third year with any subject outstanding from his first year, and no student may enter the fourth year with any subject outstanding from his second year.

Any student who, after the final spring examinations of the third year, has failed to obtain an average of at least 50 per cent based on all the courses of his third year, will be required to repeat the year. No student will be admitted to the fourth year of the B.Sc. (Agr.) course who has not passed in third year work equivalent to at least five full courses (30 units), or to the fourth year of the B.Sc. (H.Ec.) courses who has not passed in third year courses having an aggregate value of at least 750 marks.

A student who is allowed to repeat a year may be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed and obtained at least 60 per cent, and may be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the timetable.

If a student fails in a course which he has taken with a more advanced class he must repeat the course when he enters the class in which that subject is regularly taught.

PASS AND HONOUR STANDING

HONOUR STANDING:—Students who have obtained an average of at least 60 per cent in the work of the first two years, and who obtain an average of 80 per cent or over, based on all the courses of their third and fourth years, shall be granted First Class Honours; those who obtain an average of from 65 to 79 per cent, based on all the courses of their third and fourth years, shall be granted Second Class Honours. Students who have obtained an average of less than 60 per cent in the work of the first two years are not eligible for Honours.

PASS STANDING:—Students who obtain an average of not less than 50 per cent, based on all the courses of their third and fourth years, shall be granted Pass Standing.

SUPPLEMENTAL EXAMINATIONS

Regular supplemental examinations are held in September before the beginning of the session, and at the time of the regular examinations in January and March. Failure to pass a supplemental examination means that the course must be repeated, or such portion of it as the instructor may direct. In the case of fourth year students only, special examinations may be provided earlier in September, so that the results may be known in time to recommend successful candidates for the fall Convocation.

Except in very exceptional cases, each of which must be submitted to the Faculty for approval, only one supplemental examination will be allowed in any course; but a student who has been prevented by illness or some other unavoidable circumstance from writing a supplemental examination at the regular time will be allowed to write a special supplemental examination at a later date. In no other cases than those mentioned will special supplemental examinations be granted.

Every candidate for a supplemental examination is required to fill out an application form for such examination and to return it with the necessary fee (for which see page 4523) at least three weeks before the date set for the examinations. Application forms may be obtained from the Registrar.

No student writing a supplemental examination in a subject will be granted marks higher than the pass mark, 50 per cent.

GRADUATE COURSES

Graduate work, under the Faculty of Graduate Studies and Research, McGill University, Montreal, may be taken at Macdonald College, in Agronomy, Bacteriology, Chemistry, Entomology, Horticulture, Nutrition, (Animal, Poultry, Human), Parasitology, and Plant Pathology. The advanced courses of study offered lead to the degrees of Master of Science and Doctor of Philosophy.

Graduates who have completed three full courses or their equivalent in the Department of Economics at Macdonald College and who, in addition, have completed at least two full courses in the Department of Economics and Political Science or their equivalent with at least second class honours, may register in the Faculty of Graduate Studies and Research to proceed toward the degree of Master of Arts.

A number of scholarships and students assistantships are available.

The Faculty of Graduate Studies and Research issues an announcement giving full information regarding graduate courses, and scholarships, theses, registration, etc., in connection therewith, which will be sent on application to the Registrar, to the Dean of the Faculty of Graduate Studies and Research, McGill University, Montreal, or to the Dean of the Faculty of Agriculture, Macdonald College, Que.

SYLLABUS

Diploma Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Agricultural Engineering:—					
Farm Machinery	1	1	3	.....	.....
Farm Construction	2	.....	.....	1	2
Agriculture	1	1	.....	1	.....
Agronomy:—					
Soils and Soil Management	1	3	.....	.....	.....
Hay and Pasture Crops	3	.....	.....	2	1
Corn and Root Crops	5	.....	.....	3	.....
Animal Husbandry:—					
Farm Live Stock	1	3	2	2	2
Bacteriology	1	.....	.....	1	1
Botany	1	2	1	.....	.....
Chemistry	1	.....	.....	2	1
English	2	3	.....	3	.....
Entomology	3	2	1	.....	.....
Horticulture:—					
General Horticulture	4	1	1	1	1
Mathematics	1	1	1	1	1
Poultry Husbandry:—					
Productive Poultry Husbandry	1	2	1	2	1
SECOND YEAR Dairy Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6	2	2	.....	.....
Farm Shopwork	7	.....	.....	1	2
Agronomy:—					
Crop Management	7	.....	.....	2	1
Grain Crops	9	2	1	.....	.....
Animal Husbandry:—					
Farm Live Stock	6	2	2	2	2
Live Stock Breeding	7	.....	.....	2	.....
Animal Nursing	6	.....	.....	2	1
Dairying	6	.....	.....	2	2
Economics:—					
Economic Problems	7	2	1	.....	.....
Farm Accounts and Management	8	3	1	.....	.....
English	7	1	1	1	1
Nutrition:—					
Feeds and Feeding	6	2	.....	.....	.....
Physics	6	1	2	.....	.....
Poultry Husbandry:—					
Poultry Management	6	.....	.....	2	2
Project	6	2	.....	2	.....
SECOND YEAR Fruit Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6	2	2	.....	.....
Farm Shopwork	7	.....	.....	1	2
Agronomy:—					
Crop Management (Elective)	7	.....	.....	2	1
Economics:—					
Economic problems	7	2	1	.....	.....
Farm Accounts and Management	8	3	1	.....	.....
English	7	1	1	1	1
Horticulture:—					
Vegetable Gardening	6	2	2	2	2
Ornamental Gardening	7	2	1	.....	.....
Fruit Growing	8	2	2	2	2
Physics	6	1	2	.....	.....
Plant Pathology:—					
Plant Diseases	6	.....	.....	2	1
Poultry Husbandry:—					
Problems	6	.....	.....	2	2
Project	6	2	.....	2	.....

SYLLABUS

B.Sc. (Agr.) and B.Sc. (H.Ec.) Courses

First and Second Years

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Agriculture:—					
*Agriculture	10	2	1	2	1
Botany:—					
**Botany, Introductory	10	2	2	2	2
Chemistry:—					
Chemistry, Inorganic	10	3	2	3	2
English:—					
Composition	14	1	1	1	1
Literature	16	2	.....	2	.....
Household Science:—					
+Household Science, Introduction to	10	3	.....	.....	.....
Mathematics:—					
Mathematical Analysis, Elementary	10	3	.....	3	.....
Physics:—					
General Physics	12	3	1	3	1
Physical Education:—					
+Physical Education	10	Minimu	m 2 hours	weekly.	
Textiles:—					
+Laundering	10	.....	.....	2	1
SECOND YEAR					
Agriculture —					
*Agriculture	20	2	1	2	1
Art:—					
+Interior Decoration and Art Appreciation	20	1	1	1	1
+Costume	21	2 lect., pe	r wk., eith	er term.	
Chemistry:—					
Organic Chemistry	20	3	2	3	2
Economics:—					
*Elementary Principles	20	.....	.....	3	.....
English:—					
†Modern Literature	25	1	.....	2	.....
or					
†Speaking and Writing	26	2	.....	1	.....
Foods and Cookery:—					
+Basic Cookery	26	2	3	2	3
Household Science:—					
+Household Administration	20	1	.....	2	1
Mathematics:—					
*Calculus	20	3	.....	3	.....
Physics:—					
*General Physics	22	3	1	3	1
Zoology:—					
Zoology, General	20	2	2	2	2

*B.Sc. (Agr.) only. +B.Sc. (H.Ec.) only.

**B.Sc. (H.Ec.) in lieu of Botany 10, first year French or German will be accepted from students from other Universities.

†Second year students must take either English 25 or English 26.

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Agricultural Engineering:						
Farm Buildings	31	4	2	2	Second	
Spraying and Dusting Equipment	32	2	..	2	Second	
Farm Machinery	33	4	2	2	First	
Farm Power Machinery	34	4	2	2	Second	
Agricultural Drafting	35	6	..	3	Both	
Projects	36	3	..	3	Second	
Mechanics of Materials	37	4	2	..	Both	
Shopwork	38	6	1	2	Both	
Engineering for Land Development	39	4	2	1	First	}
		2	2	..	Second	}
Farm Electrification	40	6	2	1	Both	
Agronomy:						
Cereal Crops	31	4	2	2	Second	
Hay and Pasture Crops	32	3	2	1	First	
Roots, Corn and other Silage Crops	33	3	2	1	First	
Experimentation	34	4	..	2	Both	
Plant Breeding	35	3	2	1	Second	
Crop Adaptation and Distribution	36	3	2	1	Second	
Soil Management	38	2	2	..	First	
Projects	42	2	..	1	Second	
Field Crop Production	43	4	2	..	Both	
Laboratory work of Course 43	430	2	..	1	Both	
Animal Husbandry:						
Swine Production	30	3	2	1	First	
Dairy Cattle Production	34	3	2	1	Second	
Livestock Judging and Management	35	3	..	3	Second	
Animal Breeding	38	3	2	1	Second	
Horses, Sheep and Beef Cattle	41	3	2	1	Second	
Projects	42	3	..	3	First	
Livestock Judging and Management	43	3	..	3	First	
Animal Pathology:						
Elementary Physiology	30	3	3	..	Second	
Disease Prevention A	31	3	3	..	First	
Poultry Diseases	32	2	..	2	First	
Disease Prevention B	34	3	2	1	Second	
Bacteriology:						
General Microbiology	30	4	2	2	Second	
Soil Microbiology	32	4	2	2	First	
Laboratory Methods	33	4	1	3	Second	
Food Microbiology	34	4	2	2	Second	
Dairy Bacteriology	35	4	2	2	Second	
Projects	36	6	..	3	Both	
Seminar	37	2	1	..	Both	
Physiology of Microorganisms	38	4	1	3	First	

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Botany:						
Plant Physiology	30	2	2	..	Second	
Laboratory work of Course 30	300	2	..	2	Second	
Histology and Cytology	31	3	2	1	Second	
Plant Morphology	32	2	..	2	First	
Systematic Botany	33	3	..	2	First	
			..	1	Second	
Technique	34	2	..	2	First	
Chemistry:						
Analytical Chemistry	30	4	2	..	Both	
Laboratory work of Course 30	300	8	..	4	Both	
Course 300 abridged	301	6	..	3	Both	
Organic Preparations	31	3	1	2	First	
Biochemistry	32	2	2	..	First	
Laboratory work of Course 32	320	2	..	2	First	
Soil Chemistry	33	4	2	2	First	
Physical Chemistry	39	6	1	2	Both	
Projects	40	6	..	3	Both	
Seminar	41	2	1	..	Both	
Physiological Chemistry	47	2	2	..	Second	
Laboratory work of Course 47	470	2	..	2	Second	
Plant Biochemistry	48	2	2	..	Second	
Laboratory work of Course 48	480	2	..	2	Second	
Food Chemistry	51	4	2	2	First	
Advanced Food Analysis	52	4	2	2	Second	
Introductory Soil Science	54A	2	2	..	First	
Laboratory work of Course 54A	540A	2	..	2	First	
Introductory Soil Science	54B	2	2	..	Second	
Laboratory work of Course 54B	54B	2	..	2	Second	
Dairying	30	4	2	2	First	
Economics:						
Marketing of Farm Products	30	3	3	..	Second	
Economics of Agriculture	31	3	3	..	Second	
Farm Accounting and Farm Management	32	3	3	..	First	
Economic Analysis	33	6	3	..	Both	
English:						
Literature of Rural Life	31	3	1	..	First	
			2	..	Second	
Modern Drama	32	3	2	..	First	
			1	..	Second	
Extension Methods	30	4	1	1	Both	
Entomology:						
Insect Morphology	30	8	2	2	Both	
Technique	32	2	..	2	Second	
Economic Entomology	33	8	2	2	Both	
General Entomology	34	4	2	2	Second	
Systematic Entomology	35	8	2	2	Both	
Insect Ecology	36	2	2	..	Second	1950-51
Seminar (3rd year)	37	2	..	1	Both	
Seminar (4th year)	37	2	..	1	Both	
Projects	38	4	..	2	Both	
Economic Entomology	39	2	..	1	Both	

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Genetics:						
Elementary Genetics	30	3	3	..	First	
Laboratory work of Course 30	300	2	..	2	First	
Horticulture:						
Vegetable Crops	31	4	2	..	Both	
Laboratory work of Course 31	310	4	..	2	Both	
Landscape Architecture	32	4	2	2	First	
Floriculture	35	4	2	2	Second	
Plant Breeding	36	3	2	1	Second	
Seminar	37	2	..	1	Both	
Pomology (Orchard Fruits)	38	2	2	..	First	
Laboratory work of Course 38	380	2	..	2	First	
Pomology (Small Fruits)	39	2	2	..	Second	
Laboratory work of Course 39	390	2	..	2	Second	
Horticultural Crops	40a	3	2	1	First	
Horticultural Crops	40b	3	2	1	Second	
Mathematics:						
Elementary Differential Equations	30	2	1	..	Both	
Nutrition:						
Fundamentals of Nutrition	30	4	2	..	Both	
Laboratory work of Course 30	300	2	..	2	Second	
Animal Feedstuffs	32	2	2	..	Second	
Seminar	33	2	..	1	Both	
Parasitology:						
Seminar	34	2	..	1	Both	
Projects	35	3	..	3	Second	
Protozoology	36	4	2	2	First	1950-51
Medical Entomology	37	4	2	2	Second	1950-51
Helminthology	38	6	2	4	Second	1951-52
Physics:						
Meteorology	32	1	1	..	Second	
Biophysics	33	4	2	2	First	
Biophysics	33a	2	1	1	First	
Soil Physics	36	2	1	1	First	
Molecular and Atomic Physics	38	4	2	..	Both	
Plant Pathology:						
Technique	30	2	..	2	Second	
Diseases of Plants	31	4	2	2	First	
Plant Pathology	32	4	2	2	Second	
Mycology	33	4	2	2	First	
Projects	34	4	..	2	Both	
Seminar	35	2	..	1	Both	
Plant Pathology	36	8	2	2	Both	
Poultry Husbandry:						
History of Breeds and Judging	31	2	..	2	First	1951-52
General Poultry Husbandry	33	3	3	..	First	
Laboratory work of Course 33	330	1	..	1	First	
Breeding Principles	34	3	2	1	Second	1951-52
Poultry Farm Management	35	4	1	1	Both	
Research	36	4	..	2	Both	
Projects (Third Year)	37	2	..	2	Second	
Projects (Fourth Year)	37	6	..	3	Both	
Poultry Nutrition	38	3	2	1	Second	1951-52
Sociology:						
Introduction to Sociology	40	3	3	..	Either	1951-52
Zoology:						
Comparative Vertebrate Anatomy	31	8	2	2	Both	1951-52
Technique	32	2	..	2	First	

SYLLABUS

B.Sc. (H.Ec.) Course Third and Fourth Years

SUBJECTS	Course No.	Credit value in units	Periods per week		Term Given	Year	Curricula for Students taking	
			Lects.	Labs.			Dietetics	Education
Bacteriology:—								
Bacteriology	31	4	2	2	First	3rd	x	x
Chemistry:—								
General Biochemistry	32 & 320	4	2	2	First	3rd	x	x
Physiological Chemistry	47 & 470	4	2	2	Second	3rd	x	x
Textile Chemistry	50	2	..	1	Both	4th		x
Chemistry of Foods and Feeding stuffs	51	4	2	2	First	3rd or 4th		x
Clothing:—								
Principles of Clothing Construction	30	3	..	3	Either	3rd	x	x
Advanced Clothing	40	6	..	3	Both	4th		x
Economics:—								
Elementary Principles	20	3	3	..	Second	3rd	x	x
Education:—								
Educational Psychology	30	3	3	..	First	3rd	x	x
Methods of Teaching	40a	3	3	..	First	4th		x
Practice Teaching	40b	4	2	2	Second	4th		x
Public Education	42	3	3	..	Either	4th	x	x
Extension Methods	30	4	1	1	Both	3rd or 4th		
Foods and Cookery:—								
Advanced and Experimental Cookery	32	6	2	1½	First	3rd	x	x
			1	1½	Second			
Food Values	33	2	1	1	First	3rd	x	x
Household Administration:—								
Home Management	31	4	1	3	Either	3rd	x	x
Institution Administration:—								
Institution Administration	40	4	2	..	Both	4th	x	x
Institution Practice	41	3	..	3	Either	4th	x	x
Nutrition and Dietetics:—								
Fundamentals of Nutrition	30	4	2	..	Both	4th	x	x
Nutrition Laboratory	300	2	..	2	First	4th	x	x
Diet Therapy	41	6	2	..	First	4th	x	
			3	1	Second			
Nutrition Seminar	44	2	2	..	First	4th	x	x
Dietetics—Family and Community Nutrition	46	3	2	1	First	4th	x	
Physics:—								
Biophysics	33a	2	1	1	First	3rd	x	x
Physiology:—								
Elementary Physiology	30	3	3	..	Second	3rd	x	x
Psychology:—								
Educational Psychology (see Education 30)								
Child Psychology	31	3	3	..	Either	3rd or 4th		
Sociology:—								
Introduction to Sociology	40	3	3	..	Either			
Textiles:—								
Textile Fibres and Fabrics	42	2	..	1	Both	4th	x	x
Elective (to be chosen from any non-compulsory course)	..	3	3	..	Either	3rd or 4th	x	

SYLLABUS

Household Science—Homemaker Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
Art:—					
Interior Decoration	5	1	†	1	†
Handicrafts	6	..	1	(either term)	
Clothing and Textiles:—					
Selection and Construction	5	4	4	(either term)	
Textiles and Laundering	6	1	1	(either term)	
English	5	2	.....	2	.....
Foods and Cookery	5	4	4	(either term)	
General Science	5	(3 or 4 periods per wk., 2 terms)			
Home and Family Life:—					
The Family, Home and Homemaker	5	1	.....	1	.....
Child Development	6	.....	.....	1	.....
Home Nursing	5	.....	.....	1	.....
Horticulture	5	.....	.....	1½ (8-10 wks.)	
Household Administration:—					
Equipment and Furnishings	6	2 lects. per wk., 1st term*			
		1 lect., 1 lab. per wk., either term			
Home Management	7	Experience arranged, either term			
Household Accounts	9	.....	.....	2 (8-10 wks.)	
Nutrition and Meal Planning:—					
Principles of Nutrition	5	2	.....	.....	.....
Meal Planning and Table Service	6	1	.....	.....	.....
Physical Education	5	2 hrs. per wk., 2 terms			

*Includes general assignment.

†1 lab. per wk., either term.

COURSES IN HOUSEHOLD SCIENCE—

PARTIAL COURSES

Partial students may be accepted at the beginning of the session in the B.Sc. (H.Ec.) course, at the discretion of the Director and provided there is accommodation for them. For fees applicable, see page 4521.

HOMEMAKER COURSE

The object of this course is to train girls to deal intelligently with problems relating to the management of a home. The courses are, therefore, planned to give the student training in the different branches of household work, supplemented by a study of the sciences and arts which are related to the home. In planning the course full consideration is given to modern economic development and its relation to the woman in the home.

This course is divided into two terms of one-half college year each, so that students may enter in September or at the beginning of the second half year at the end of January.

ENTRANCE REQUIREMENTS

1. For general requirements, see page 4528.

2. All candidates for admission to the Homemaker Course must have entered their eighteenth year and have successfully completed at least one year of High School work.

SYLLABUS (see page 4590)

DESCRIPTION OF COURSES

ART

5. INTERIOR DECORATION

A study of homes and interiors including colour, furniture, textures and arrangement. Appreciation of Art in various fields and the compiling of illustrated notes to be bound in book form at the end of the year.

1 lect. per wk., 2 terms: 1 lab. per wk., either term as arranged. *Miss Jaques*

6. HANDICRAFTS

Elementary principles of weaving and leathercraft. A special fee is charged for the purchase of materials. Approximate cost, $8.00.

Equivalent of 1 lab. per wk., 1 term. *Miss Frew and Miss Wren*

CLOTHING AND TEXTILES

5. SELECTION AND CONSTRUCTION

A study of dress design as it applies to the individual; standards for buying ready-made garments and household textiles; clothing budgets

and good grooming. Construction of garments includes the making of a tailored cotton garment, a wash dress of cotton or spun rayon, a silk or wool dress, a silk undergarment or other garment depending on student progress and wardrobe needs. Approximate cost of course: $20 to $25.

4 lects., 4 labs., per wk., 1 term. *Miss Guilford*

6. TEXTILES AND LAUNDERING

A study of the construction of fabrics, finishing, dyeing and printing; major fibres and their reactions to laundering or cleaning; recent developments in textiles; laundry soaps, soaps and water softeners; stain removal; methods and practice in washing and ironing clothing and household fabrics including study of types of washers and ironers.

1 lect., 1 lab., per wk., 1 term. *Miss Guilford*

ENGLISH

5. LITERATURE AND COMPOSITION

Lectures and laboratory work will cover these topics and activities; reading comprehension, appreciation of good literature, practical forms of writing, good speech, the conduct of public meetings, debating and discussion methods.

2 lects. per wk., 2 terms. *Professors Avison and Hall*

FOODS AND COOKERY

5. BASIC COOKERY

This includes a study of food materials—their composition, cost and market conditions, as a basis for selection. Principles of food preparation are stressed and practice given in methods of cookery applicable to the home.

4 lects., 4 labs., per wk., 1 term. *Miss Trapp*

GENERAL SCIENCE

5. PHYSICAL AND BIOLOGICAL SCIENCES

An introduction to the elements of chemistry, physics and biology with special references to their application to the home.

3 or 4 periods per wk., 2 terms.

HOME AND FAMILY LIFE

5. THE FAMILY, HOME, AND HOMEMAKER

This course deals with the historical development of family life; the functions of the family; personality and self-integration; the present-day homemaker and her role in family and community life.

1 lect. per wk., 2 terms. *Miss Trapp*

6. CHILD DEVELOPMENT

The principles of child psychology as related to the study of child growth and development.

1 lect. per wk., 2nd term. *Miss Trapp*

HOME NURSING

5. RED CROSS HOME NURSING

Location, ventilation, furnishing, temperature, care of sick room; making of beds; bed baths; care of patient; taking temperatures; prevention and care of bed sores, emergencies, infectious diseases. Normal nutrition; care of young baby and mother. Dental health.

1 lect. per wk., 2nd term. (8-10 weeks).

HORTICULTURE

5. HOME GARDENING

This course includes a study of vegetable gardening, fruit culture, the lawn, the management of plants used in the beautification of grounds and the care of decorative plants in the home.

1½ hrs. per wk., 8 to 10 wks., 2nd term.

HOUSEHOLD ADMINISTRATION

6. EQUIPMENT AND FURNISHINGS

A study of house plans and kitchens, from the standpoint of convenience and attractiveness; selection, use and care of household equipment and furnishings, including practical work in cleaning; study of time management; accident prevention in the home; control of household pests.

Presentation of various aspects of homemaking through the use of films, speakers, demonstrations and class assignments.

2 lects. per wk., 1st term; 1 lect., 1 lab., per wk., either term.
Miss Guilford

7. HOME MANAGEMENT

See Home Management 31 (p. 4591).

Practice House Experience.

Equivalent of 2 labs. per wk., 1 term. *Miss Guilford and Miss Trapp*

9. HOUSEHOLD ACCOUNTS

This course deals with the problems of household financing and includes the study of standards of living, budgeting, simple methods of household

accounting, savings and investments. Practice is given in keeping personal accounts during this course.

2 lects. per wk., 8-10 wks., 2nd term. *Miss Guilford*

NUTRITION AND MEAL PLANNING

5. PRINCIPLES OF NUTRITION

This course deals with the nutritional requirements for health, the provision for these in the diet, and the study of the nutritive properties of common food materials.

2 lects. per wk., 1st term. *Miss Trapp*

6. MEAL PLANNING AND TABLE SERVICE

The application of nutrition in daily menu planning; menus for special occasions with appropriate table appointments; rules for table settings and service.

1 lect. per wk., 1st term. *Miss Trapp*

PHYSICAL EDUCATION

5. PHYSICAL EDUCATION

2 hrs. per wk., 2 terms. *Mrs. Wilkinson*

PERSONALITY AND CONDUCT

A credit is given for good performance in this field.

HOMEMAKER EXAMINATIONS

A certificate is granted to a student who successfully completes the course of study in the Homemaker Course.

For pass standing a minimum of 50% of the marks in each subject and 60% of the aggregate marks for the course is required.

Homemaker students conditioned in more than two subjects will be considered as having failed in the examination and may be required to repeat the work of the term in which they have failed before proceeding with the work of the next term.

Students conditioned in not more than two subjects may remove the condition by passing a supplemental examination in the particular subject or subjects.

Time lost through absence from classes must be made up after class hours, unless an official report of illness is received.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. *See page 4519.*

B.Sc. (H.Ec.) COURSE

This is a four-year professional course leading to the degree of Bachelor of Science in Home Economics.

The final year of the course has been arranged to give more specific training in two fields; in that of a dietitian and in that of a teacher of Household Science. Students enrolling for this year must decide before registering for which of these fields they desire to prepare.

A model Home Management House (the Walter M. Stewart House) is located on the College campus. In this house, under home conditions, the students learn the arts of home management.

A model dining department fitted with up-to-date equipment has been opened at "Glenaladale," a college staff residence. All B.Sc. (H.Ec.) students have an opportunity for practice work in this department as well as in the main kitchen and cafeteria during the final year.

While it is desirable for continuity of work that the whole four years be taken at Macdonald College, the subjects included in the first year are those of a general nature and may, therefore, be taken in the Faculty of Arts and Science at McGill, or at any other university giving similar work.

Specialist Certificates for teaching Household Science subjects may be granted by the Protestant Central Board of Examiners of the Province of Quebec to candidates taking the teaching option who have been awarded the B.Sc. (H.Ec.) degree. These certificates are valid only in the Protestant schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this certificate. Those desiring to apply for the certificate will be required to teach a minimum of twelve lessons and undertake prescribed fieldwork. It may be necessary to limit the number of students in this option.

ENTRANCE REQUIREMENTS

1. The general requirements, page 4528.

2. Academic requirements, page 4538, under "Entrance B.Sc. (Agr.) Course," with modifications indicated.

DESCRIPTION OF COURSES

ART

20. INTERIOR DECORATION AND ART APPRECIATION

A study of domestic architecture, period furniture, colour theory, and harmony, and planning of interiors. History of painting with special attention to the moderns.

2nd Year.:—1 lect., 1 lab., per wk., 2 terms. *Miss Jaques*

21. COSTUME

History of costume; principles of design as applied to dress; fabrics used for clothing; wardrobe planning with student demonstrations.

2nd Yr.:—2 lects. per wk., 1 term. *Miss Jenkins*

BACTERIOLOGY

31. BACTERIOLOGY

A course in general and food bacteriology.

3rd Yr.:—2 lects., 2 labs., per wk., 1st term. *Professor Gray*

Text Book:—Swingle—Bacteriology.

BOTANY—*Taken with B.Sc. (Agr.)*

10. INTRODUCTORY BOTANY

1st Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Callen*

CHEMISTRY—*Taken with B.Sc. (Agr.)*

10. INORGANIC CHEMISTRY

1st Yr.:—3 lects., 2 labs., per wk., 2 terms. *Mr. Coldwell*

20. ORGANIC CHEMISTRY

2nd Yr.:—3 lects., 2 labs., per wk., 2 terms. *Professor Baker*

32. GENERAL BIOCHEMISTRY

3rd Yr.:—2 lects. per wk., 1st term. *Professor Common*

320. Laboratory portion of Course 32.

3rd Yr.:—2 labs. per wk., 1st term.

47. PHYSIOLOGICAL CHEMISTRY

Prerequisite Chemistry 32 and Physics 33.

3rd Yr.:—2 lects. per wk., 2nd term. *Professor Common*

470. Laboratory portion of Course 47.

3rd Yr.:—2 labs. per wk., 2nd term.

50. TEXTILE CHEMISTRY

Laboratory Course associated with Textiles 42. Examination of the structure, chemical composition and properties of textile fibres; bleaching; blueing and dyeing; analyses of water, soap and other laundry materials. Prerequisite: Textiles 42.

4th Yr.:—1 lab. per wk., 2 terms.

51. CHEMISTRY OF FOODS AND FEEDINGSTUFFS

2 lects., 2 labs., per wk., 1st term. *Elective.* *Professor Common*

CLOTHING

30. PRINCIPLES OF CLOTHING CONSTRUCTION.

Three garments are made, one each of cotton, wool, and rayon.

3rd Yr.:—3 labs. per wk., 1 term. *Miss Jenkins*

40. ADVANCED CLOTHING

An advanced course in dressmaking and costume design including pattern making, and tailoring. Special experience in weaving is arranged with McGill University Handicrafts Division; for this a special fee is charged. Problems of fitting and clothing the child or high school girl are studied during the construction of remodelled garments.

4th Yr.:—3 labs. per wk., 2 terms. *Miss Jenkins*

ECONOMICS—*Taken with B.Sc. (Agr.)*

20. ELEMENTARY PRINCIPLES.

3rd Yr.:—3 lects. per wk., 2nd term. *Professor MacFarlane*

30. MARKETING OF FARM PRODUCTS.

A study of the marketing of the principal farm products and an analysis and appraisal of private, co-operative, and governmental marketing facilities, with reference to the width of marketing and processing margins. *Elective.*

3 lects. per wk., 2nd term. *Professor Burton*

33. PRINCIPLES OF ECONOMIC THEORY.

An intermediate course in economic theory concerned with an analysis of the forces determining the level of prices, production, and employment. The first term work can be taken without the second. *Elective.*

3 lects. per wk., 2 terms. *Professor Burton*

EDUCATION

30. PSYCHOLOGY

General and practical aspects applied to teaching, learning and living.

3rd Yr.:—3 lects. per wk., 1st term. *Professor Honey*

40. (a) METHODS OF TEACHING

Investigation is made of how learning takes place and how this can be applied to teaching; a study of the courses in Home Economics for the elementary and secondary schools in Quebec; selection and organization of subject matter for various types of lessons; teaching devices; class management; observation work and the teaching of at least two lessons.

4th Yr.:—3 lects. per wk., 1st term. *Professor Honey*

40. (b) PRACTICE TEACHING

This will include a definite amount of practice teaching with further opportunity for observation. Problems arising from practice teaching at Macdonald College and in Montreal will serve as a basis for some of the discussion. There will be examination of the types of laboratories used in the teaching of Household Science and selection of equipment for same. Methods of keeping necessary records will be investigated. School law will be studied. Field experience is required, to be taken at a time convenient to all concerned.

4th Yr.:—2 seminars, 2 labs. per wk., 2nd term. *Professor Honey*

42. PUBLIC EDUCATION

This course is planned to furnish experience in the preparation and presentation of material for the public in the form of food, clothing, or equipment demonstrations. Job instruction training, etc. will be included.

4th Yr.:—Equivalent of 3 lects. per wk., 1 term. *Professor Honey*

ENGLISH—*Taken with B.Sc. (Agr.)*

14. ENGLISH COMPOSITION

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

16. ENGLISH LITERATURE

1st Yr.:—2 lects. per wk., 2 terms. *Professor Avison*

25. MODERN LITERATURE

An extension of Course 16, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by third or fourth year students.

2nd Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term.

Professor Hall

26. SPEAKING AND WRITING

An extension of Course 14 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by third or fourth year students

2nd Yr :—2 lects. per wk , 1st term; 1 lect per wk , 2nd term

Professors Avison and Hall

All second year degree course students must take either English 25 or English 26. The prerequisite to these courses is successful completion of senior matriculation English Literature and Composition, or English 14 and 16 at Macdonald College.

30. THE LITERATURE OF UTOPIA

A reading and discussion course on problems of human and social betterment as reflected in our literature. A schedule of topics and readings will be provided at the opening of the course, which will be conducted by lecture and seminar. *Elective.*

3rd or 4th Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term.

Professor Hall

31. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, will emphasize the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. *Elective.*

3rd or 4th Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term.

Professor Avison

EXTENSION METHODS

30. EXTENSION METHODS

An elective course in public speaking, study group technique, extension methods in Agriculture and Household Science, rural sociology.

3rd or 4th Yr.:—1 lect., 1 lab., per wk., 2 terms.

Professor Avison and Committee

FOODS AND COOKERY

26. BASIC COOKERY AND NUTRITION

A study of the indications of good nutrition and the essential food constituents. Study and practice in methods of food preservation. The selection and preparation of foods and the principles of cookery.

2nd Yr.:—2 lects., 3 labs., per wk., 2 terms, and five days of laboratory work in food preservation prior to the opening of the session.

Professor Honey

32. ADVANCED AND EXPERIMENTAL COOKERY

This is an advanced food preparation course in which one term is spent on experimental cookery.

3rd Yr.:—2 lects., 1½ labs., per wk., 1st term; 1 lect., 1½ labs., per wk. 2nd term. *Miss Stickwood*

33. FOOD VALUES

Calculation of the nutritive value of foods and meals, with practical application.

3rd Yr.:—1 lect., 1 lab., per wk., 1st term. *Miss Stickwood*

HOUSEHOLD ADMINISTRATION

20. HOUSEHOLD ADMINISTRATION

A study of house planning, with detailed attention to kitchen from the standpoint of function, convenience, and safety; selection, use, and care of household equipment and furnishings, including practical work in cleaning; menu planning, table service and decorations.

2nd Yr.:—1 lect. per wk., 1st term; 2 lects., 1 lab., per wk., 2nd term. *Miss Devereaux*

31. HOME MANAGEMENT

A study of the process of home management; planning, carrying out the plan, and evaluating with practical application in a well-equipped house on the campus where groups of five students, under supervision, have charge of managing the home, including menu planning, preparation and service, marketing, accounting, and care of supplies, equipment, and furnishings.

3rd Yr.:—3 weeks in Home Management House. 1 lect., and the equivalent of 3 labs., per wk., 1 term. *Miss Devereaux*

HOUSEHOLD SCIENCE

10. INTRODUCTION TO HOUSEHOLD SCIENCE

A course of lectures arranged to acquaint the student with the development and scope of Household Science training.

1st Yr.:—3 lects. per wk., 1st term. *Household Science Staff and others*

INSTITUTION ADMINISTRATION

40. INSTITUTION ADMINISTRATION

A study of the principles of efficient organization and administration related to food service and housekeeping in institutions. General principles of purchasing of food and equipment for large quantity food work. Field trips.

Students in the Teaching Option are required to attend the first four weeks of this course, and go on field trips as arranged, as prerequisite for Institution Administration 41. Credit will be given for this work in the latter course.

4th Yr.:—2 lects. per wk., 2 terms. *Miss Stickwood*

41. INSTITUTION PRACTICE

Practical experience in quantity cookery in dining departments and also in institution routines.

4th Yr.:—3 labs. per wk., 1 term. *Miss Stickwood and Staff*

MATHEMATICS—*Taken with B.Sc. (Agr.)*

10. ELEMENTARY MATHEMATICAL ANALYSIS

1st Yr.:—3 lects. per wk., 2 terms. *Professor Henry (School for Teachers)*

NUTRITION AND DIETETICS

30. FUNDAMENTALS OF NUTRITION.

For description see Nutrition Department Course 30 in the B.Sc. (Agr.) syllabus.

4th Yr.:—2 lects. per wk., 2 terms. *Professors Crampton*

300. NUTRITION LABORATORY.

For description see Nutrition Department Course 300 in the B.Sc. (Agr.) syllabus.

4th Yr.:—2 labs. per wk., 1st term.

Professors Crampton, Ashton, and Farmer

41. DIET THERAPY.

The function of nutrition as a curative and preventive factor in disease. Visits to hospital clinics and dietary departments. Field trips.

4th Yr.:—2 lects. per wk., 1st term. 3 lects., 1 lab., per wk., 2nd term. *Miss Stickwood*

44. NUTRITION SEMINAR.

Part of the work in this course will be taken with B.Sc. (Agr.) students. See Nutrition 33, page 4567.

4th Yr.:—2 seminars, per wk., 1st term. *Professors Neilson and Farmer*

46. DIETETICS.—FAMILY AND COMMUNITY NUTRITION.

4th Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Neilson*

PHYSICAL EDUCATION

10. Physical Education will be included in the work of the first year, all students being required to attend a minimum of two hours weekly during the session. Opportunity is provided for participation of all students in archery, swimming, basketball, skating, hockey, and badminton.

1st Yr.:—1 period per wk., 2 terms. *Mrs. Wilkinson*

PHYSICS—*Taken with B.Sc. (Agr.)*

12. GENERAL PHYSICS

1st Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Rowles*

33a. BIOPHYSICS.

3rd Yr.:—1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

PHYSIOLOGY—*Taken with B.Sc. (Agr.)*

30. ELEMENTARY PHYSIOLOGY.

3rd Yr.:—3 lects. per wk., 2nd term. *Dr. House*

PSYCHOLOGY

EDUCATIONAL PSYCHOLOGY.—See course Education 30.

31. CHILD PSYCHOLOGY.

The course will follow the development of the child from prenatal stages through the years of middle childhood. Special emphasis will be placed on the practical aspects of child care, training, behavior symptoms, and the everyday problems of the normal child. *Elective.*

3rd or 4th Yr.:—3 lects. per wk., 1 term.

Professor Munroe (School for Teachers)

SOCIOLOGY

40. INTRODUCTION TO SOCIOLOGY—The Community

An examination of the social patterns of our society, with emphasis on group relationships. Special consideration will be given to the problems of the business and professional woman in modern society. *Elective.*

3 lects. per wk., 1 term.

TEXTILES

10. LAUNDERING.

Effect of common chemicals on textile fabrics; methods of laundering, stain removal and dry cleaning; study of laundry equipment.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Miss Jenkins*

42. TEXTILE FIBRES AND FABRICS.

The source, construction, properties and qualities of textile fibres and fabrics for clothing, household and institutional use. Furnishings for the home and institution will be studied in order to establish a basis for the wise selection of textile materials by the consumer. Prerequisite to Chemistry 50.

4th Yr.:—1 lab. per wk., 2 terms. *Miss Jenkins*

ZOOLOGY—*Taken with B.Sc.(Agr.)*

20. GENERAL ZOOLOGY.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms.

Professors DuPorte, Morrison, and Whitehead

B.Sc. (H.Ec.) COURSE EXAMINATIONS

(See page 4581)

The School for Teachers

By an agreement with the Government of the Province of Quebec, dated February 25 and 26, 1907, confirmed by an Act of the Legislature of the Province of Quebec, 7 Edward VII, 1907, chapter 26, it was provided that a School for Teachers should be established at Ste. Anne de Bellevue, under the control of the Protestant Committee of the Council of Education in lieu of the McGill Normal School in Montreal.

This institution is intended to give a thorough training to teachers for kindergarten, elementary, and intermediate diplomas, and the arrangements are of such a character as to afford the greatest possible facilities to students from all parts of the Province. Certificates are awarded to graduates of this school by the Department of Education of the Province of Quebec.

Demonstration lessons, criticism lessons, and practice teaching are given in Macdonald High School, which is organized from Kindergarten to Grade XI. Further experience in practice teaching is offered in the Protestant schools of Montreal and elsewhere throughout the Province.

ANNOUNCEMENT FOR THE SESSION 1950-51

The forty-fourth session of this school will begin on the fifth of September, 1950, and will close on the eighth of June, 1951.

The students are graded as follows:

1.—*Elementary Class.*

2.—*Intermediate Class.*

3.—*Kindergarten Class.*

ENTRANCE REQUIREMENTS

Teachers to be trained for the schools under the control of the Protestant Committee of the Council of Education for the Province of Quebec will be admitted under conditions prescribed by that body, as hereinafter mentioned.

After receiving certificates of admission, accepted candidates must send to the authorities of Macdonald College a certificate of vaccination showing (a) Successful vaccination within seven years; or (b) Immunity to vaccine after two recent unsuccessful vaccinations; such certificate of immunity to be good for five years from date.

Whenever the authorities of Macdonald College receive the lists of candidates admitted to the various classes, they will communicate immediately with all accepted candidates regarding registration and the sending of the admission certificate and the vaccination certificate. They will also forward a copy of the announcement to those who have not already received one. Candidates who are accepted are, therefore, requested to withhold separate inquiries, pending receipt of such general advice from the College.

Candidates who have received admission certificates, but find themselves unable to attend the College, are requested to advise Dr. W. P. Percival, Department of Education, Quebec, Que., of that fact without delay.

MODE OF ADMISSION TO THE SCHOOL FOR TEACHERS

Anyone desiring to take a course in the School for Teachers to qualify for teaching in the Province of Quebec must apply for authorized forms of application for admission, and for all other information, to the Secretary of the Protestant Central Board of Examiners, Dr. W. P. Percival, Department of Education, Quebec, Que. Application for admission must be made on *or before July 20th.* As Macdonald College is a residential institution, this date must be observed.

Candidates are advised to obtain and read carefully the circular entitled *Information for Persons Interested in Entering the Teaching Profession* issued by the Protestant Central Board of Examiners.

Candidates for any class must be Canadian citizens, or must have begun the necessary proceedings to become such. They must also furnish the certificates of age and of good moral character, as required by the regulations. Moreover, they must send a medical certificate on a special form obtainable from Dr. Percival, together with an X-ray report made within the previous six months. These must show to the satisfaction of the Central Board that the candidate is in good health and free from physical defects likely to interfere with his or her usefulness as a teacher.

All such candidates, before entering upon a course, must sign an agreement to teach in the Province of Quebec for at least three years after graduation. Such service is expected in lieu of a tuition charge.

Candidates for diplomas for teaching in the Province of Quebec must satisfy the requirements laid down by the Protestant Central Board of Examiners for entrance to the several courses of study in the School for Teachers. Their attention is specifically called to the fact that the courses in French in the School for Teachers are conducted largely in that language. Students who have not had Oral French in the High

School grades should make themselves familiar with Oral French as far as possible before entering the School for Teachers. Otherwise, they will find themselves seriously handicapped.

Elementary Diploma. Applicants for admission to the Elementary Class in the School for Teachers must hold a High School Leaving or equivalent certificate, showing a pass in ten papers.

Candidates for this certificate should have entered their eighteenth year before the first day of September, 1950; that is, they should have been born before the first day of September, 1933.

Intermediate Diploma. Applicants for admission to the Intermediate Class must hold a Senior High School Leaving or equivalent certificate. Candidates for admission to the Intermediate Class or for intermediate certificates must also have passed in ten papers in the High School Leaving examination or its equivalent.

The holder of an elementary certificate or diploma who has completed a full session of training and who has subsequently obtained a senior high school leaving certificate, or its equivalent, and has passed in ten papers of the Grade XI examination will be granted an intermediate certificate without further attendance in the School for Teachers. For this purpose the examination for the senior high school leaving certificate may be taken in two parts.

Candidates for this diploma should have entered their nineteenth year before the first day of September, 1950; that is, they should have been born before the first day of September, 1932.

Kindergarten Diploma. Candidates must possess a High School Leaving Certificate. In addition, applicants must satisfy the Director of the School for Teachers that they are proficient in vocal and instrumental music, and in art. Candidates for admission to this class must be at least seventeen years of age, that is, they must have been born before the first day of September, 1933.

SPECIAL CONDITIONS

The Central Board of Examiners has the right to admit to any class. in exceptional cases, persons whose qualifications may be insufficient for entrance. Any person who applies for admission under special circumstances should give on the back of his application form a full statement of his reasons for asking special consideration.

The Central Board of Examiners may grant diplomas of any grade to candidates in special cases upon any examination specifically indicated by it.

The Central Board of Examiners has power to limit the number of admissions to the School for Teachers.

BURSARY REGULATIONS

155. Bursaries of one hundred dollars each shall be paid from the Released Normal School fund to such teachers-in-training for elementary certificates in the School for Teachers as shall comply with the regulations in regard thereto, as follows:

(a) Candidates must promise by a witnessed writing to teach three years in some rural elementary school in the Province of Quebec.*

(b) Candidates must enter into a joint obligation with a parent or guardian to reimburse to the Department of Education the amount of the bursary received should they not, within five years, fulfil their said obligation to teach.

(c) No candidate may receive a bursary for two years, but, in case of failure in one year, he may receive the balance of the bursary on the successful completion of his course in a subsequent year.

(d) Candidates for bursaries shall make their applications for the same to the Secretary of the Central Board of Examiners when applying for admission to the School for Teachers.

(e) It is further provided that, in addition to the payment of the foregoing bursaries, similar bursaries shall be paid to such teachers as not having signed the required promise to teach, nevertheless have fulfilled the obligation entered into by others to teach three years in some rural school in the Province of Quebec.

156. (a) The bursaries to teachers-in-training shall be paid in two equal instalments, in December and in June, to those only who are certified by the Director of the School for Teachers to have pursued their course of studies with reasonable diligence, and to this end the School for Teachers shall draw upon the Department of Education, make the individual payments, and render an account to the Director of Protestant Education.

(b) The bursaries to teachers who come under the provisions of regulation 155 (e) shall be divided into three equal portions and shall be paid only at the end of each year of successful teaching, but in no case shall they be paid after five years from the date of the diploma.

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* The elementary department of an Intermediate or of a High School is not included in this term.

Although students who take the course leading to an intermediate certificate do not receive a bursary during attendance at the School for Teachers, they may do so under this regulation and regulation 155 (e) after they shall have qualified by teaching in some rural school.

(c) The Director of Protestant Education may release for good and sufficient cause a teacher from any obligation to teach three years in the Province of Quebec, but this release shall not remove the obligation to return any bursaries that may have been received.

For official form of certificate of teaching required under regulation 155 (e), and any other information, apply to Dr. W. P. Percival, Department of Education, Quebec, Que.

SPECIAL BURSARIES FOR RURAL CANDIDATES

In view of the shortage of teachers, additional bursaries of substantial amounts are available for suitable candidates from rural districts who would otherwise be prevented by lack of funds from attending the School for Teachers. Application for these bursaries shall be made on a special form *at the time the candidate applies for admission to the School for Teachers.* The application must be accompanied by full particulars regarding the financial circumstances of the applicant's family and be supported by letters from two responsible persons familiar with the conditions.

TRAVELLING EXPENSES

On being awarded an elementary, intermediate, or kindergarten certificate, each teacher-in-training at the School for Teachers residing 200 miles or more from Montreal will be paid, out of the funds provided by the Government, the sum of five cents for each mile that his home, in the Province of Quebec, is distant from Macdonald College.

TEACHERS' DIPLOMAS

The Director of Protestant Education and the Protestant Central Board of Examiners, under the regulations of the Protestant Committee, alone have the power to grant certificates and diplomas valid for Protestant schools.

To graduates of training courses, interim certificates shall be granted of the following grades: kindergarten, elementary, intermediate and high school. The elementary certificate is primarily intended to permit the holder to teach in rural elementary schools.

Interim kindergarten and high school certificates shall be exchanged for permanent diplomas of the respective grades when evidence of successful teaching for two years shall have been submitted to the Director of Protestant Education.

Interim elementary and intermediate certificates shall be exchanged for permanent elementary and intermediate diplomas when evidence of successful teaching for two years shall have been submitted to the Director of Protestant Education as well as of the successful completion of one session at an approval professional summer school.

Holders of interim certificates who, in the opinion of the Inspector, shall have taught successfully shall receive from him statements to that effect. When teachers have obtained two such recommendations and have satisfied summer school requirements that may be demanded of them, they shall send the statements together with their interim certificates to the Department of Education where they will be exchanged for permanent diplomas.

Under the regulations of the Protestant Committee, certificates and diplomas of any grade are given only to teachers who have completed professional training.

The examinations for elementary, kindergarten, and intermediate certificates shall be the sessional examinations of the School for Teachers, together with reports on ability to teach and to govern, rendered by the Director of the School.

Advanced elementary and advanced intermediate diplomas are granted after successful attendance at approved professional summer schools, in accordance with the regulations.

Graduates and undergraduates who are candidates for High School diplomas must take the lectures in Education provided by the universities or the School for Teachers, and must teach for a minimum of fifty half-days, as required by regulation. The months of September, May and June are set apart for this practice-teaching.

All holders of intermediate diplomas from the School for Teachers shall be entitled to receive high school diplomas on graduating at some Canadian or other British University provided they have fulfilled the requirements in regard to their degree course that are demanded in Regulation 130 (f).

ELEMENTARY CLASS STUDYING FOR AN ELEMENTARY CERTIFICATE

The course for the above certificate falls naturally into the following divisions: (a) A general review of subjects taught in rural schools; (b) Special methods of teaching the following: English, Arithmetic, French, History, Geography, Nature Study and Agriculture, Writing, Art, Hygiene and Physical Training, Scripture, Music, Primary Methods; (c) Courses in the Principles of Education, Educational Psychology, Tests and Measurements, School Management, and School Law;

d) Observation and practice teaching. A great deal of emphasis will be laid on the ability displayed by teachers-in-training in this phase of their work.

KINDERGARTEN DIRECTOR'S CERTIFICATE

Notice is hereby given that the courses leading to the Kindergarten Director's and the Kindergarten Assistant's diplomas are now abolished. They will be succeeded by courses leading to the Kindergarten teacher's certificates and diplomas.

To be eligible for admission to the course leading to the Kindergarten teacher's certificates, applicants must hold a High School Leaving certificate showing that they have passed in a minimum of eight papers. They must also satisfy the Director of the School for Teachers that they are competent in Vocal and Instrumental Music and in Art.

The classes will be held at Macdonald College throughout the entire session, as in the case of students preparing for the Elementary and Intermediate diplomas, but the instruction will be that which is appropriate to their future needs.

Many teachers will be required for this class owing to the great demand for Kindergarten classes and the small numbers of qualified teachers available.

Holders of Kindergarten teacher's certificates may qualify for Kindergarten teacher's diplomas by successful attendance at a professional summer school and two years of successful teaching, as in the case of holders of other classes of certificate. For this purpose, special Kindergarten instruction will be offered in the Summer School at Macdonald College.

INTERMEDIATE CLASS STUDYING FOR THE INTERMEDIATE CERTIFICATE

Regular courses of lectures in the History of Education and in the Principles of Education, School Management and Law, will continue throughout the year. In the specific subjects of Agriculture, Elementary Algebra, Arithmetic, Art and Manual Training, English, French, Geography, Geometry, History, Music, Nature Study, Needlework, Physical Culture, Physiology and Hygiene, the same general methods will be employed as in the class studying for the elementary certificate, and just as in it (see page 4608) observation and practice in teaching will receive particular attention.

DESCRIPTION OF COURSES

DIVISION I : GENERAL EDUCATION

ENGLISH — **English Language and Literature**

A course designed to improve appreciation and skills in oral and written language and literature.

2 hours a week. *Professor Hall*

HISTORY — **Survey of Canadian History**

1 hour a week. *Mr. Hamilton*

GEOGRAPHY — **Fundamentals of Geography**

Fundamental principles of the study of Geography.

1 hour a week. *Mr. Hamilton*

SCRIPTURE — **Bible Study**

The historical and literary background of the Bible.

1 hour a week. *Lecturer from the Faculty of Divinity*

ART AND MUSIC — **History and Appreciation of the Arts**

The history and appreciation of Art and Music.

1 hour a week. *Professor Hanson and Miss Jaques*

DIVISION II : THE FOUNDATIONS OF EDUCATION

EDUCATION 1 — **Child Study and Development**

Educational and child psychology. Testing and measurement. Mental health and educational guidance.

3 hours a week. *Professor Munroe*

EDUCATION 2 — **The Principles of Education**

History and philosophy of education, school management and law.

3 hours a week. *Professor Munroe*

EDUCATION 3 — **The Growth and Development of Young Children**

Psychology and training of children from one to six (Kindergarten Class).

2 hours a week. *Professor Munroe*

DIVISION III : THE PRINCIPLES OF TEACHING

EDUCATION 10 — **The Principles of Teaching in the Elementary School**

a. Primary education (*Miss Bowers*)

b. English—principles and methods of teaching language arts (*Professor Hall*)

c. French (*Miss Woodburn*)
d. Mathematics and Science (*Professor Henry*)
e. Social studies (*Mr. Hamilton*)
f. Art and music (*Professor Hanson and Miss Jaques*)
g. Health and recreation (*Mrs. Wilkinson*)
h. Audio-visual methods (*Mr. Hamilton*)

15 lecture hours a week and observation and demonstration lessons.

EDUCATION 11 — **The Theory and Practice of Kindergarten**

Origin and development of Kindergarten and Nursery School.

2 hours a week. *Miss Bowers*

DIVISION IV : THE PRACTICE OF TEACHING

EDUCATION 20 — **The Practice of Teaching in the Elementary School**

1 lecture or seminar period a week and practical experience in enterprise and student activities programs. Eight weeks of supervised class-room teaching in Macdonald High School, the schools of the Montreal Protestant Central School Board and the Westmount School Board, and other provincial schools. This course is directed and supervised by all members of the Staff, together with assisting teachers from the co-operating schools.

ADVISORY PROGRAM

Each student is assigned to a member of the Staff, who will act as his Advisor throughout the session. Advisory Group meetings are held at least monthly and students are encouraged to consult their Advisors as frequently as possible.

CHAPEL SERVICE

Monthly Chapel Service is held usually on the fourth Thursday of the month at 3.30 p.m. The addresses on these occasions are given by visiting speakers.

CLUBS

In addition to the various all-college clubs in which students of the School for Teachers participate with those from other faculties, special club programs are held daily for students of the School. These include: Current Events, Cercle Français, Music, Sketch, Handicraft, Home Economics, P. T. Leaders. Students with satisfactory standing are required to attend two of these clubs each week.

PADRE'S HOUR

Students are required to state with which religious denomination they are connected. They are required to attend weekly periods held by the Honorary Lecturers in Religious Instruction for the discussion of religious problems. Each student is required also to attend public worship at least once every Sunday.

STUDENT TEACHERS' SOCIETY

All students of the School for Teachers are members of the Student Teachers' Society, the officers of which are elected during the first month of the session. Meetings are held monthly and are intended to give the students experience in the organization and conduct of democratic assemblies. The Society is affiliated with the Provincial Association of Protestant Teachers and is also represented on the College Student Council and other all-college organizations.

ASSEMBLY PROGRAMS

Special assembly programs, arranged by the students, are presented each month. These are intended to give teachers-in-training experience in planning and organizing programs which will be suitable for use in schools.

BOOKS

SCHOOL TEXTS

Frequent reference will be made to books authorized for use in the schools of the province. Students should therefore bring with them all the textbooks in their possession which are at present used in Elementary, Intermediate, or High School grades.

STUDENT TEXTS

Student texts in the various courses will be announced by each professor or lecturer at the beginning of the session and may be purchased at the College Book Shop.

SCHOOL FOR TEACHERS BOOK FEE

In order to reduce the expense of textbooks to individual students, an arrangement has been made whereby students of the School for Teachers will pay to the Secretary the sum of two dollars per session for the use of books in certain departmental libraries, thus saving the students the necessity of purchasing individual copies of expensive books.

Scholarships and Prizes

FACULTY OF AGRICULTURE—

GENERAL

BURSARIES FOR SONS OF FARMERS

The following bursaries are available on application for *sons of farmers* of Quebec, the Ottawa Valley in Ontario, and the Maritime Provinces, who are living in residence at the College:

Diploma Course students	$10.00
Degree Course students	15.00
Postgraduate students	15.00
School for Teachers' students	15.00

Application for one of these bursaries or for renewal must be made before September 1st and must be accompanied by a recommendation from the local agronome, agricultural representative, or similar official.

B.Sc. (Agr.) COURSE

Eliza M. Jones Scholarships. Five scholarships have been established by a bequest of the late F. P. Jones in memory of his mother. They are restricted to applicants who are sons or daughters of farmers and who are entering the B.Sc. (Agr.) course for the first time. They have a minimum value of $100 and a maximum value of $250 and are renewable from year to year, provided satisfactory academic standing is maintained. Three are reserved for students who are entering the third year of the course. Scholarships will be awarded on the basis of academic qualifications.

Application forms may be obtained from the Registrar, and all applications must be made before September 1st. Candidates are required to submit their complete High School record, their matriculation or school leaving marks, and a confidential letter from their school principal.

Macdonald College Bursaries. A limited number of bursaries are available for degree course students in the Faculty of Agriculture. These may be granted to students in any year of the course, but are intended primarily to assist deserving first-year students who might not be able to attend college without this assistance. The value varies from $50 to $100 according to circumstances, and they are renewable from year to year provided application is made in good time and the recipient's academic record justifies renewal.

Bursary holders may be required to undertake a certain amount of work for the College in return for their bursaries. The maximum number

of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary, whichever may be smaller.

Applications for a bursary, and for renewal of a bursary, must be made to the Registrar, on forms provided, before September 1st each year.

The Borden Company Limited Scholarship. A scholarship valued at $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his third year, half payable at the beginning of the first term of the fourth year, the balance at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

Applications should be addressed to the Registrar before August 15th.

S.P.C.A. Scholarship. The Canadian Society for the Prevention of Cruelty to Animals offers a scholarship of $200, which will be awarded to a student in the Animal Husbandry option who has high standing in all the courses of his third year work, with particular emphasis being placed on the candidate's aptitude for livestock work. The winning student will not necessarily be the one who ranks first at the end of the third year in final examinations.

Should the best qualified student be already the holder of some other scholarship or bursary, the Scholarships Committee may, at its discretion, award the scholarship to some other candidate.

The Daughters of the Empire Scholarship. As a recognition of the value of agricultural education in their Province and Country, the Imperial Order of the Daughters of the Empire, Quebec Provincial Chapter, gives a scholarship of $200, tenable during the third and fourth years of the B.Sc. (Agr.) course, to the Canadian student who obtains the highest marks in the final examinations of the second year. The scholarship is payable to the winning student in two instalments of $100 each at the beginning of his third and fourth years respectively.

Nova Scotia College of Agriculture Scholarship. Macdonald College offers a scholarship of a minimum value of $100 to the student of the Nova Scotia College of Agriculture obtaining the highest standing in the work of the Second Year of the degree course in that College.

Chemical Institute of Canada Prize. The Chemical Institute of Canada offers a prize of books to the value of $25 to the student in the Chemistry Option with the highest standing at the end of the third year.

The Lochhead Memorial Prize. In memory of her late husband, William Lochhead, B.A., M.Sc., the first Professor of Biology in Macdonald College, Mrs. Lochhead has established by an endowment of $400, a prize to be awarded to the student, majoring in Entomology, who takes the highest standing in the fourth year, the prize, in value equal to the proceeds of the endowment for one year, to be in books selected by the winner with the approval of the Head of the Department of Entomology.

Governor General's Medal. His Excellency the Governor General of Canada donates a bronze medal to be awarded to the second year student who ranks highest in General Proficiency in first and second year work.

Lieutenant-Governor's Medal. His Honor the Lieutenant-Governor of the Province of Quebec gives annually a silver medal, which is awarded to the student who takes the highest standing in General Proficiency in the first year of the B.Sc. (Agr.) course.

The Stern Cup. Sir Edward D. Stern, Fan Court, Chertsey, Surrey, England, has donated a silver challenge cup, which is held for one year by the student who makes the highest aggregate in Stock Judging in the final year of the subject.

The Cutler Shield. Mr. Garnet H. Cutler, Professor of Agronomy, Purdue University, Lafayette, Indiana, the first lecturer in Cereal Husbandry, Macdonald College, has donated a bronze challenge shield, which is held for one year by the student majoring in Agronomy, who makes the highest aggregate in the final year.

The Conklin Trophy. Dr. Raymond L. Conklin has donated a trophy to be held for one year by a student in any year of the degree course who obtains the highest percentage of total marks and who, during the same year, has won a place on the College Rugby team and on one other team sport. The winner's name will be engraved on a shield on the trophy, which will be awarded only once to any individual.

The T. Fred Ward Swimming Trophy. A silver challenge cup donated by Mr. T. F. Ward, former Secretary of the College, to be held for one year by the student winning the greatest number of points at the annual men's swimming meet.

The Janet Morison Robb Bursary for Women. See page 4624.

General University Scholarships. See page 4618.

Note:—No prize will be awarded to any student in any of the classes whose percentage of marks is below seventy, unless by special action of the Faculty.

GRADUATE SCHOLARSHIPS

Walter M. Stewart Scholarship. Two scholarships of $500 each are offered graduate students at Macdonald College. One may be held by a graduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from Ste. Anne de la Pocatiere. Application for these scholarships must be made to the Directors of the two colleges mentioned.

C.I.L. Fellowship. Canadian Industries Limited offer a Fellowship of a value of $800 to a student engaged in graduate work at Macdonald College. The Fellowship is open to any British subject who is a graduate of a recognized university, and the chosen candidate may be registered in any department provided his research is concerned with some phase of the use of chemicals in agriculture. At the close of the academic year a full written report of all work performed under the Fellowship shall be submitted to Canadian Industries Limited.

Each award shall be for one academic year but, in the event that a Fellow shows by his progress and application that such a course is desirable, the Fellowship may be re-awarded to the same person for a further term of one year.

Applications, addressed to the Registrar, must be made before May 15th each year.

Alumni Scholarship. One scholarship valued at $200 may be applied for by any agricultural graduate of Macdonald College who wishes to undertake graduate work either at Macdonald College or at any other recognized institution. This scholarship is tenable for one year but may be renewed under special circumstances. Applications should be directed to the Secretary of the Macdonald Branch of the McGill Graduates Society, Macdonald College, P.Q.

DIPLOMA COURSE

The Fisher Trust Fund, in memory of the late Honourable Sydney A. Fisher, formerly Member of Parliament for Brome County and Minister of Agriculture, Canada, offers for the session 1950-51, two agricultural scholarships of $75 a year each, tenable at Macdonald College for two years, for the Diploma Course in Agriculture, from November 1st, 1950, to March 31st, 1951, on the following conditions:—

1. The candidates must be sons of farmers in the County of Brome, co-operating in farm activities during the period of their college course.

2. The candidates must be at least sixteen years of age.

3. The candidates must have passed at least grade IX of the High School course.

4. These scholarships will be continued from term to term only upon favourable reports from the Dean of the Faculty of Agriculture.

Applications must be sent, on or before the 1st of October, 1950, to the Chairman of the Fisher Trustees, R. F. Cowan, Mansonville, Que.

Q.W.I. Bursary. The Quebec Women's Institute provides a bursary of $50 to the student entering the second year of the Diploma Course, who:—

(1) Is a professional farmer's son, (or daughter) from the Province of Quebec.

(2) Has spent at least one season (seed time to harvest) in his father's employ on the farm.

(3) Intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm).

(4) And who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the first year or, if he is the only candidate, obtains at least class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the first year of the Diploma Course.

La Ferme Prize. Robert Raynauld, M.S.A., Editor of *La Ferme* magazine, offers a prize of $25 for competition among students of the second year of the Diploma Course who come from farm homes and who intend to return to farming after graduation. The prize will be awarded to the eligible student who presents the best project.

Lieutenant-Governor's Medal. His Honour the Lieutenant-Governor of the Province of Quebec, gives annually a bronze medal, which is awarded to the student who takes the highest percentage in General Proficiency in the First Year of the Diploma Course.

Minister of Agriculture's Medals. The Honourable the Minister of Agriculture of the Province of Quebec offers annually two bronze medals in connection with the Diploma Course, Second Year Class, to be presented to the students ranking first in the Dairy Farming and in the Fruit Farming Groups respectively.

B.Sc. (H.Ec.) COURSE

His Honour the Lieutenant-Governor of the Province of Quebec donates two medals:

(1) *A silver medal*, to be awarded to the student who ranks highest in the third year of the B.Sc. (H.Ec.) Course.

(2) *A bronze medal*, to be awarded to the student who ranks highest in the second year of the B.Sc. (H.Ec.) Course.

The Montreal Housewives' League gives a prize for the best results secured in the conservation of food, as demonstrated in home methods of canning fruits and vegetables. The prize is open to the graduating class in the B.Sc. (H.Ec.) Course.

The Frederica Campbell Macfarlane Scholarship. A scholarship has been donated by the Quebec Women's Institute in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of the Quebec Women's Institute from 1913 to 1919. This scholarship is of the value of $50, is open only to students from a rural district of the Province of Quebec, and is awarded on the results of the final examinations in any one of the first three years of the B.Sc. (H.Ec.) Course.

I.O.D.E. Bursary. The Imperial Order Daughters of the Empire offers a bursary of $200 to a student, preferably from a rural area of Quebec, who has successfully completed the second year of the B.Sc. (H.Ec.) course. The bursary is payable in two equal instalments at the beginning of the third and fourth years of the course. Application must be made to the Registrar before September 1st, and must be accompanied by a letter from two responsible persons, including the Bank Manager if possible.

Canadian Home Economics Association Bursary. The Montreal Branch of the Canadian Home Economics Association offers a bursary of $50 to a deserving student on completion of the third year of the B.Sc. (H.Ec.) course. Application for this bursary must be made to the Registrar before September 1st. The award will be paid at the beginning of the fourth year.

UNIVERSITY SCHOLARSHIPS

Students at Macdonald College are eligible to apply for the following University scholarships and bursaries. Applications are to be sent to The Registrar, McGill University, Montreal 2, Que., before July 1st, unless otherwise stated.

Morris W. Wilson Memorial Scholarships. Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of the country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science, the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each Scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for the full period necessary to enable the student to obtain his degree. The holder will normally forfeit the Scholarship if, during his course, he fails to maintain first class academic standing. In individual cases, where the student's home is at a considerable distance from Montreal, the Board of Governors may, at its discretion, make a contribution towards the cost of railroad fare.

The Ottawa Valley Bursaries. These two bursaries are:

1. The P. S. Ross Bursary, of the value of $100, founded by Dr. P. D. Ross, B.A.Sc., LL.D., in memory of his father, the late Mr. P. S. Ross.

2. The Ottawa Valley Graduates' Society Bursary of the value of $75.

These bursaries are given through the Ottawa Valley Branch of the Graduates' Society. The winners are selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Middle School Examination or (4) The McGill Senior School Certificate or (5) The Ontario Upper School Examination.

Applications must reach the Registrar's Office, McGill University, before September 1st.

The Isabella C. MacRae Scholarship. This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for

entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

The Christie-Storer Chapter Scholarship. A scholarship of the value of $110, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil of St. Lambert High School who stands highest in the June High School Leaving examination each year, provided that the pupil's aggregate is at least 700 marks out of a possible 1000.

B'nai B'rith Bursaries. Three bursaries of $100 each have been given by the Mount Royal Lodge of B'Nai B'rith. These bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar's Office, McGill University, before the end of August.

B'nai B'rith Hillel Foundation Bursary. This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded by the University Scholarships Committee to a deserving student, irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

Frederick Southam Ker Bursary. This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $175 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

Khaki University and Y.M.C.A. Memorial Scholarship Fund. The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following conditions:

1. That the scholarships may be held by undergraduates only;
2. that preference be given to sons and daughters of soldiers:
   (a) who served in the war of 1914-18
   (b) who served in the war of 1939-45.

Leonard Foundation Scholarships. The Leonard Foundation created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years".

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of His Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

Men and women returning from active service are also given preference over the non-preferred class.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office, McGill University, and must return these to the Registrar before the 15th of February, 1951.

HOMEMAKER COURSE

His Excellency the Governor-General of Canada, donates a bronze medal to be awarded to the Homemaker student who ranks highest in General Proficiency.

The Montreal Local Council of Women donates a prize in books to the value of $10 to be awarded to the student or students of the Homemaker Course showing outstanding ability in practical subjects.

The Janet Morison Robb Bursary for Women. See page 4624.

SCHOOL FOR TEACHERS

Prizes and Medals

GENERAL

Governor-General's Bronze Medal, presented by His Excellency the Governor-General of Canada. Awarded to the teacher-in-training with the highest standing in the Art of Teaching, whether in the Elementary Class, the Kindergarten Class, or the Intermediate Class.

Gardner Kneeland Memorial Prize in English, established by an endowment of $200, by the late Professor A. W. Kneeland, M.A., B.C.L., in memory of his father. Awarded to the teacher-in-training with the highest standing in English.

Frances Willard Women's Christian Temperance Union Prize in Physiology and Hygiene, presented by The Frances Willard Women's Christian Temperance Union, Westmount, Que. Awarded to the teacher-in-training with the highest standing in Physiology and Hygiene.

A. Kirk Cameron Prize in Primary Methods, presented by A. Kirk Cameron, a member of the Council of Education. Awarded to the teacher-in-training with the highest standing in Primary Methods.

Dr. S. P. Robins Memorial Prize, established by an endowment of $500, by Miss Lilian B. Robins, B.A., former lecturer in Mathematics, School for Teachers, Macdonald College, in memory of her father, who was first Professor of Mathematics, 1857 and, later, Principal of McGill Normal School, Montreal, until 1907. The income from the endowment for one year will be awarded to the student who obtains a diploma, and is the most deserving student from the point of view of personality, professional attainments, and home circumstances.

Note:—Prizes are awarded only to students who obtain diplomas in the specified class.

INTERMEDIATE CLASS

The Prince of Wales Medal. Awarded to the teacher-in-training with the highest aggregate in the Intermediate Class.

Director of Protestant Education's Prize. Awarded to the teacher-in-training with the second highest aggregate in the Intermediate Class.

Lieutenant-Governor's Silver Medal in Mathematics, presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Mathematics.

Director of Protestant Education's Prize in French. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in French.

Le Comité de l'Alliance Française de Montréal Silver Medal. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in French.

Bishop of Montreal's Prize in Scripture. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Scripture.

The Association of Protestant Women Teachers of Montreal Prize in Education. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in School Management, and Principles of Education.

Milton Hersey Prize in Science, established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Science.

ELEMENTARY CLASS

J. C. Wilson Prize, established by an endowment of $1,800, by the late J. C. Wilson. Awarded to the teacher-in-training with the highest aggregate in the Elementary Class.

The Honourable Jacob Nicol's Prize, presented by The Honourable Jacob Nicol, K.C., M.L.C., D.C.L., formerly a member of the Council of Education. Awarded to the teacher-in-training with the second highest aggregate in the Elementary Class.

Lieutenant-Governor's Bronze Medal in Mathematics, presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Mathematics.

Le Comité de l'Alliance Française de Montréal Bronze Medal. Awarded to the teacher-in-training in the Elementary Class with the highest standing in French.

Bishop of Montreal's Prize in Scripture. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Scripture.

Milton Hersey Prize in Science, established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Science.

The Outremont Protestant Teachers' Association Prize in Education. Awarded to the teacher-in-training in the Elementary Class with the highest standing in School Management and Principles of Education.

SCHOLARSHIPS

Sarah Emma Hill Scholarship. The Sarah Emma Hill Scholarship, endowed by the late Mrs. Sarah Emma Hill, of Stanstead, Que., of the present value of about $100, will be awarded each year to a student in the School for Teachers "where assistance is required,—this money to be used by the Trustees of Macdonald College according to their best judgment."

Candidates for this scholarship are requested to make written application to the Director of the School for Teachers, on or before September 30th, giving full particulars of the grounds upon which their applications are based, and to provide letters supporting their claims from two responsible persons.

In making the award, consideration will be given to scholarship and professional ability.

Ella Bryson Scholarship. This scholarship was bequested by the late Miss Ella Bryson of Fort Coulonge, Que., to the Women's Institute of Fort Coulonge, the income from which is to be used as a scholarship at Macdonald College for a student from the Fort Coulonge Protestant School taking a course in the School for Teachers. Candidates for this Scholarship are requested to make application to the Director of the School for Teachers on or before September 30th each year, and must be supported by recommendation from the Women's Institute of Fort Coulonge.

I.O.D.E. Bursary. The Municipal Chapter of Montreal Imperial Order Daughters of the Empire awards annually a bursary of $350 in the School for Teachers. This bursary is open to all girls of the High Schools in the municipality of Montreal and vicinity, including Lachine, Longueuil and St. Lambert, and will be awarded by a committee of selection chosen by the Order. Application forms can be obtained from the Principals of the High Schools concerned, or from the Educationa Secretary of the Municipal Chapter of Montreal Imperial Order Daughters of the Empire—Mrs. F. M. Stevens, 493 Argyle Avenue, Westmount, Que.

Eastern Star Scholarship. A scholarship of $250 is offered for the 1950-51 session by the Grand Chapter of Quebec, Order of the Eastern Star. The scholarship will be awarded to an applicant whose father was either (a) a casualty overseas during the recent war or (b) totally disabled as a result of service in that war or (c) died from injuries within one year from the cessation of hostilities. Applications must be made before August 25th, 1950 to the Registrar, Macdonald College. The selection will be made by a special committee of the School for Teachers.

OPEN TO ALL WOMEN STUDENTS

The Janet Morison Robb Bursary for Women was established, by an endowment of $2,000, by the late Honourable James A. Robb, formerly Member of Parliament for Chateauguay-Huntingdon and Minister of Finance, Canada, in memory of his deceased daughter, Janet Morison Robb, wife of Hugh Harvie Donald. The annual bursary will be the income from the endowment for one year.

Preference will be given to women students resident in either of the counties of Chateauguay-Huntingdon, or Beauharnois, who are daughters of widowed mothers of limited or moderate means, or daughters of widowers in similar financial circumstances, or daughters of disabled Canadian soldiers who have seen active service.

Candidates for this bursary are requested to make written application, addressed to the Secretary, Macdonald College, Que., *on or before 15th April*, giving full particulars of the grounds upon which their applications are based, and to provide letters from two responsible persons in support of their claims.

1913-14 Baseball Cup. Donated by the Girls' Athletic Association, 1913-14, for annual intersection baseball competition.

Lady Constance Stewart-Richardson Swimming Cups for General Excellence and General Proficiency in Swimming and Diving. Donated by Lady Constance Stewart-Richardson for annual individual competition.

The Badminton Challenge Cup. Donated by the Girls' Athletic Association, 1928-29, for annual individual competition.

Note:—Only students taking a full year's course at the College are eligible to compete for the swimming cups, the gymnastic medals, and the badminton cup.

THE MACDONALD COLLEGE LIBRARY

The library and reading room are centrally located in the Main Building, occupying the ground floor of an annex leading off the main hall. Seventy-six readers can be accommodated in the reading room; and in a series of alcoves there are reference works and text-books on the work of the various departments.

The present stack-room has accommodation for about 25,000 volumes, and the choice of books has been directed towards bringing together the best of modern literature on subjects of the curriculum of the College.

The Walter M. Stewart Collection includes biography, history, travel, science, etc. This collection has been purchased with sums of money given by Walter M. Stewart, of Montreal.

MACDONALD COLLEGE EXTENSION SERVICES

Departmental Services: — The service of the various departments of Macdonald College are always available for the advancement of the agricultural and home interests of the Province of Quebec. Personal interviews at the College and correspondence are invited.

Adult Education Service: — The College functions through the Adult Education Service in providing an extension programme primarily for rural residents. The service consists of:

Infomation Centre—This library of programme materials, books, pamphets, films, study outlines, etc., welcomes requests for help and advice from all kinds of community organizations, as well as from individuals

Handicraft Department offers instruction to regular day students and also conducts evening classes in weaving, leatherwork and woodwork. Instructors in the department are available for short courses away from the College as time permits.

McLennan Travelling Libraries, McGill University, offer a library service to schools and community organizations. Boxes of forty books are loaned for four months at a moderate charge.

Macdonald College Journal, a monthly publication for English-speaking farmers dealing with matters of agricultural interest in popular articles, written by members of Macdonald College staff and other contributors.

Evening Courses in a wide variety of subjects including home and landscaping gardening, public speaking, dressmaking, music, etc., are offered to adult citizens within travelling distance of Macdonald College during the fall and winter term.

The College also co-operate with the following separate organizations:

Farm Forums—a programme among farmers and other residents of rural areas, that uses radio and group discussion to study problems of agriculture and the rural community. This programme also includes regular meetings each month and county rallies in the spring and fall where plans are made for farm organization and betterment of conditions of rural living. The office of the Quebec Council of Farm Forums is situated in the College and invites visits or inquiries.

Community Schools—Through the Quebec Council of Community Programmes the College supervises and assists adult night schools in a number of English-speaking centres of the province. Courses are offered in a wide variety of subjects ranging from agriculture, cooking, sewing and handicrafts to public speaking, dramatics, and French conversation.

For further information about these activities, write to the Adult Education Service, Macdonald College, P.Q.

Farm Day: — The annual rally of the Farm Forums of Quebec held in June each year is open to all members of the forums and friends of the college. Special tours of the College departments and the farm are arranged. Visitors are welcome.

Visits to the College from individuals or groups with a common interest in the farm, the home, or the school, are always welcomed. However, in view of the present large registration and the somewhat limited facilities, it is often regrettably necessary to curtail visits at times when the student population is largest.

Groups of fifteen or more requiring meals and/or rooms are asked to give two weeks' advance notice and to confirm the numbers in the group not later than three days before arrival. All requests for visiting privileges should be addressed to The Secretary, Macdonald College, P.Q., who will be pleased to quote rates for meals and rooms, if required.

Subject to change

APPROXIMATE COSTS OF COURSES AT MACDONALD COLLEGE, APPLYING TO SONS AND DAUGHTERS OF FARMERS OF THE PROVINCE OF QUEBEC, OF THE OTTAWA VALLEY IN ONTARIO, AND OF THE MARITIME PROVINCES

COURSES	Consolidated fee	Student activities		Room and Board	Textbooks, materials, etc. (est.)	Total per session (a) (estimated)		Less (b)	Less (c)	NET COST PER SESSION (estimated)	
		Men	Women			Men	Women			Men	Women
Diploma	20.00	11.55	12.00	180.00	20.00	231.55	232.00	45.00	10.00	176.55	187.00
B.Sc. (Agr.)	125.00	17.00	12.00	255.00	30.00	427.00	422.00	63.00	15.00	349.00	359.00
B.Sc. (H.Ec.)	150.00	—	12.00	255.00	50.00	—	467.00	—	—	—	467.00
Homemaker	25.00	—	12.00	325.00	50.00	—	412.00	—	—	—	412.00
School for Teachers Elementary class	34.00	13.35	12.00	335.00	45.00	427.35	426.00	—	15.00	412.35	426.00
Intermediate and Kindergarten classes	34.00	13.35	12.00	337.00	45.00	427.35	426.00	—	15.00	412.35	426.00

(a) *Purely Personal expenditures*, including laundry, uniforms of women students, gymnasium costumes, etc., *are not included* in these figures.
(b) Provincial Government Grant of $9.00 per month of attendance to students of the Province of Quebec. In the case of Graduate students, only bona fide students who give full time to their studies are eligible for the grant.
(c) Special bursary for sons of farmers of the Province of Quebec, of the Ottawa Valley in Ontario, and the Maritime Provinces, awarded to qualified candidates on application supported by references from the local agronome, agricultural representative or similar official.

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Subject to change

Approximate Costs of Courses at Macdonald College, Applying to Students who are not Sons or Daughters of Farmers

Courses	Consolidated fee	Student activities		Room and Board	Textbooks, Materials, etc. (est.)	Total for Session (a) (estimated)		Less (b)	Net Cost per Session (estimated)	
		Men	Women			Men	Women		Men	Women
Diploma	100.00	11.55	12.00	180.00	20.00	311.55	312.00	45.00	266.55	267.00
B.Sc. (Agr.)	125.00	17.00	12.00	255.00	30.00	427.00	422.00	63.00	364.00	359.00
B.Sc. (H.Ec.)	150.00	—	12.00	255.00	50.00	—	467.00	—	—	467.00
Homemaker	250.00	—	12.00	325.00	50.00	—	637.00	—	—	637.00
School for Teachers Elementary class	34.00	13.35	12.00	335.00	45.00	427.35	426.00	—	427.35	426.00
Intermediate and Kindergarten classes	34.00	13.35	12.00	335.00	45.00	427.35	426.00	—	427.35	426.00

(a) *Purely personal expenditures*, including laundry, uniforms of women students, gymnasium costumes, etc., *are not included* in these figures.
(b) Provincial Government Grant of $9.00 per month of attendance to students of the Province of Quebec. In the case of Graduate students, only bona fide students who give full time to their studies are eligible for the grant.

The University Library

RICHARD PENNINGTON, B.A., Lib. Dip. (London)
University Librarian

The University Library, which is under the general management of a Committee of Senate, includes the Redpath Library and various Faculty and Departmental libraries in other buildings.

The several libraries of the University now contain over 500,000 volumes and 50,000 pamphlets and receive over 3,000 periodicals, Government publications, and transactions of various literary and scientific societies.

The University Library is rich in early printed books, in Canadiana, and in rare pamphlets of the sixteenth to eighteenth centuries. It has special collections of David Hume, Stephen Leacock, and Rudyard Kipling. The Osler Library, devoted to the history of science from classical times, is famous also for its Sir Thomas Browne collection.

The Blackader Library of Architecture has been established in honour of Captain Gordon Home Blackader, B.Arch. The Wood Library of Ornithology was presented by Colonel Casey A. Wood, M.D., LL.D., as a special research collection and reference library. The Blacker Library of Zoology, presented by Robert Roe Blacker and Nellie Canfield Blacker, is a comprehensive reference library on this special subject. It it supplemented by the Lyman Collection of books on Entomology. The Dinah Lauterman Library of Art was established in 1946. The Faculty of Medicine (including the Bibliotheca Osleriana) and the Royal Victoria College maintain libraries in their respective buildings; and there are Departmental Libraries in Engineering, Chemistry, Physics, and Botany. The Library of the School of Commerce, which includes a section on Industrial Relations, is in Purvis Hall. The Faculty of Law Library is in McConnell Hall. There is temporarily an additional Undergraduate Reading Room in the David Morrice Hall of the Presbyterian College.

The Travelling Libraries, now at Macdonald College, provide extramural library service at a moderate fee.

With the Library is affiliated the University Book Club, which supplies its members with recent publications and makes an annual contribution of books to the Library.

The Library maintains a permanent exhibition, open to the public, illustrating the development of the Book Arts.

The University Museum

1. PETER REDPATH MUSEUM

The Peter Redpath Museum, a dignified building in the Neo-Greek style situated between the University Library and the Arts Building, was erected by the donor whose name it bears and was handed over to the University in 1882, the architects being Hutchison and Steele. It is the only building in the University designed solely for museum purposes. It contains, on three floors, a great variety of museum material:

Top floor—Zoology: Vertebrates and invertebrates, including the Carpenter Collection of Mollusca.

Second floor—Geology: Introductory exhibits; Dawson Collection of Palaeontology, Ferrier Collection of minerals, and a condensed exhibition of Economic Geology.

Ground floor—Ethnology: Synoptic exhibit of primitive nature cultures from North and South America, Africa, and the Pacific Islands; Lyman Entomological Collection.

Director, and Curator of Geology, T. H. Clark; *Assistant Director, and Curator of Ethnology*, Alice Johannsen Turnham; *Curator of Zoology*, J. D. Cleghorn.

2. McCORD NATIONAL MUSEUM

The McCord National Museum, with its valuable collection of Canadiana, is closed until more suitable quarters can be found. Matters concerning the collection should be addressed to T. H. Clark, Director McGill Museums, or Alice Johannsen Turnham, Assistant Director.

3. LIBRARY MUSEUM

The Library maintains a permanent display of the History of the Book. This is situated in the Gallery of the Reading Room, and is open to the public between 9 a.m. and 5 p.m. It shows the development of the book from inscribed clay tablets, through the papyrus and parchment roll and the mediæval manuscript, to the commercial printing of today. There are also displays showing the arts of bookbinding and of book illustration. In the Faculty Study Room may be seen on request the Cleveland Morgan Collection of Assyrian and Babylonian Seals, and examples from the Library's collection of charters and historical manuscripts. *Curator*, The University Librarian.

4. ETHNOLOGICAL MUSEUM

Selections from this Museum, formerly housed in the Medical Building, are now on display as follows:

1. Synoptic exhibits—North, South, and Central American Indians, Africa, and the Pacific Islands—Redpath Museum.
2. Eskimo—Arctic Institute of North America, 3485 University Street.
3. Mediterranean Culture and Biblical World—Divinity Hall, 3520 University Street.

The remainder of the Ethnological Collection is in storage, pending provision of suitable quarters which will eventually house the Ethnological, Redpath, and McCord Museums under a single roof.

5. In addition to the above there are other collections and exhibits of a specialized nature, ordinarily open only to students but to which access may be gained by application to the Curator concerned. These include the Anatomical, Medical, and Pathological Museums, the Museum of Hygiene,the Rutherford Collection of Experimental Physics, and the Botanical, Zoological, and Architectural collections. At Macdonald College there is a teaching collection containing an herbarium, a collection of insects, and other exhibits related to Canadian agriculture.

Military Training

CANADIAN OFFICERS TRAINING CORPS

McGILL UNIVERSITY CONTINGENT

Lt.-Col. J. M. Morris, M.C., V.D.	*Honorary Lieutenant Colonel*
Lt.-Col. E. M. Counsell, M.B.E.	*Commanding Officer*
Major W. S. Tyndale	*Second-in-Command*
Captain H. A. Steppler	*Officer Commanding Macdonald College Detachment*
	Resident Staff Officer
Captain J. L. Dubreuil	*Assistant Resident Staff Officer*

1. GENERAL

The McGill University Contingent, C.O.T.C., is the oldest university unit for the training of army officers in North America, having been officially established on 1st November 1912. At present its maximum authorised establishment is 6 officers and 168 officer cadets. Its offices and mess are located in the Sir Arthur Currie Memorial Gymnasium-Armoury.

The purpose of the training it offers is to qualify a selected number of undergraduates for a commission in one of the corps of the Canadian Army (Active or Reserve Force). Applicants may choose the corps in which they wish to be commissioned, within limits set by the educational requirements of certain corps and by the number of vacancies available in each corps.

2. ELIGIBILITY

Any male student may apply provided that:

(*a*) He is a British subject, domiciled in Canada or intending to reside in Canada after graduation. Other British subjects may apply, but preference will be given to those resident in Canada.

(*b*) He is 17 years of age, and able to complete 2 years of training before reaching the age limit of the corps for which he is applying.

(*c*) He meets the physical requirements of the corps for which he is applying.

(*d*) He has Senior Matriculation standing and is registered as a Regular Undergraduate.

(e) He is able to complete two summers' training at an army training centre before graduation from the University.

All applicants will be required to state in their written application that they are willing to complete the minimum programme of training, if accepted, and are desirous of becoming commissioned officers in the Canadian Army (Active Force, Reserve Force, or Supplementary Reserve) upon qualification.

3. TRAINING

The training consists of:

(A) SUMMER (PRACTICAL) TRAINING

A minimum of two Practical Phases of training must be completed; a third Practical Phase is optional. Each phase consists of up to 16 weeks' training during the summer at the training centre of the corps in which the applicant is enrolled. These centres are located throughout Canada from Valcartier, Quebec, to Chilliwack, B.C.

(B) WINTER (THEORETICAL) TRAINING

A minimum of two Theoretical Phases of training must be completed; a third Theoretical Phase is optional. The training consists of lecture-courses given on one night a week during the winter as follows:

First Theoretical Phase (*First Winter*)

Introduction to the Army — 10 hours

Second Theoretical Phase (*Second Winter*)

Military Science — 40 hours

Third (*Optional*) *Theoretical Phase* (*Third Winter*)

Military Science	10 hours
Military Geography	15 hours
Military History	15 hours
	—
	40 hours

4. STATUS AND PAY

Applicants who are accepted are given the rank of Officer Cadet and the status of Second Lieutenant. The rate of pay for Officer Cadets during the Practical Phases of training in the summer is $153.00 a month. In addition board, quarters, medical care, and transportation to and from the training centre are provided free.

Officer Cadets receive $2.50 for each parade night attended during the winter up to a maximum of $50.00 (10 days' pay).

5. QUALIFICATION AND COMMISSIONING

Officer Cadets who complete the First and Second Practical and Theoretical Phases of training are qualified for the rank of Lieutenant in the Reserve Force. The completion of the Third Practical and Theoretical Phases as well qualifies an Officer Cadet as Captain in the Reserve Force or Lieutenant in the Active Force.

When the necessary military training requirements have been completed, Officer Cadets may obtain a commission in the Reserve Force or the Supplementary Reserve on application. A commission in the Active Force is dependent on the acceptance of the applicant by army authorities.

6. INFORMATION, APPLICATION, AND SELECTION

Requests for further information and applications to join should be made at McGill to the Resident Staff Officer, C.O.T.C. Office, Sir Arthur Currie Memorial Gymnasium-Armoury, 475 Pine Avenue West, and at Macdonald College to Captain H. A. Steppler, Assistant Professor, Department of Agronomy.

Applicants who satisfy the requirements listed in Section 2 will be asked to appear before the Contingent Selection Board. They will be notified of their acceptance or rejection before 31st January.

McGILL UNIVERSITY NAVAL TRAINING DIVISION

LIEUT. CDR. (S) D. C. BAIN, R.C.N.(R) *Commanding Officer*

University Naval Training Divisions (U.N.T.D.) were established in Canadian Universities during the War to provide Naval training for students prior to entry into active service in the Navy. These divisions are being continued in peacetime to provide a Naval Officers' Training programme through which students may become commissioned officers in the Royal Canadian Navy (Reserve). Opportunity is also provided in certain branches for entry into the Royal Canadian Navy (Permanent Force) as commissioned officers who will follow the Navy as a career.

A student entering the U.N.T.D. is attested as Ordinary Seaman unless his academic field is allied to a branch of the Navy in which he might become commissioned. In such a case, he is entered in the lowest

rate in the appropriate branch: for example, a student in Electrical Engineering is entered as Electrician's Mate, 2nd class, and a student in Commerce as Writer Probationer.

All members of the U.N.T.D. appear before an Officers' Selection Board before the close of the first academic year. Unsuccessful candidates may present themselves again the following year, but candidates who fail to pass a second Board are required to withdraw from the U.N.T.D. Those who are successful in passing the Board are designated as Cadets and receive special training. U.N.T.D. members are not encouraged to qualify for higher rates such as Leading Seaman and Petty Officer, but are encouraged to strive to become Cadets. An attractive rate of pay during summer training has been approved: Cadets receive $153.00 per month while in active training.

The Naval Training programme calls for sixty hours' instruction per session. The course is for four years, each year of which is governed by different syllabi particular to the various branches of the Service. Two weeks' training afloat is required each Spring or Summer after the close of the academic year or before the opening of University in the Fall. The training takes the form of a cruise in a Canadian Naval vessel from an East or West Coast port. In 1949, U.S. Ports, Honolulu, and Newfoundland were among the places visited by the ships undertaking training cruises. In addition to the required two weeks' training afloat, U.N.T.D. members may also volunteer for paid service ashore or afloat during the remainder of the summer vacation. A cadet is required to spend two full summers in training in order to qualify for a commission. The granting of a commission to a Cadet is contingent upon the Cadet graduating from the University and having completed all U.N.T.D. requirements. On being commissioned, the Cadet is promoted to the rank of Sub-Lieutenant and may elect to go on the "Active" or "Retired" Lists of Reserve Officers.

For further information apply to:

Commanding Officer, McGill U.N.T.D.,
Room 335, Dawson Hall,
McGill University, Montreal.

or

Staff Officer, U.N.T.D.,
H.M.C.S. Donnacona,
1475 Drummond St.,
Montreal.

R.C.A.F. RESERVE UNIVERSITY FLIGHT
(McGILL)

SQUADRON LEADER C. D. SOLIN — *Officer Commanding*

FLIGHT LIEUTENANT A. W. APPLEBY, D.F.C., B.E.M. — *Resident Staff Officer*

1. OBJECT

In recognition of the need for a well-trained reserve of Technical and Non-Technical personnel, the R.C.A.F. has established at the major universities throughout Canada Reserve Flights, which provide Air Force training for those undergraduates who are interested in this branch of the Service.

2. ELIGIBILITY

All students may apply subject to the following regulations:

(*a*) Applicants must be Canadian citizens or resident British subjects.

(*b*) Students must be in their first year of a four-year course or first or second year of a five-year course.

(*c*) They must be between the ages of 18 and 29.

(*d*) Applicants must meet R.C.A.F. medical standards.

(*e*) Preference will be given to unmarried students.

3. GENERAL TRAINING

Upon successfully fulfilling the above requirements the students are accepted into the Flight, as officers with the rank of Flight Cadet. Training during the academic year consists of lectures—10 hours during the first winter and 25 hours during the two subsequent winters. These lectures cover such subjects as Military Geography, Defence Economics, Air Force Technology, etc.

4. GROUNDCREW TRAINING

The major part of the first summer with the R.C.A.F. is spent at R.C.A.F. Station, London, Ontario, where all first year Flight Cadets from the Universities across Canada assemble for approximately 7 weeks of indoctrination training. Further training is then given in the following Officer branches of the R.C.A.F.:

(*a*) *Technical*
Aeronautical Engineering
Construction Engineering
Electronics
Armament
Photography

(*b*) *Non-Technical*
Accounts
Legal
Education
Chaplain
Physical Training
Supply
Flying Control

(*c*) *Aircrew*
Pilot
Navigator
Radio Officer

(*d*) *Medical*
Medical Officer
Medical Associate

5. AIRCREW TRAINING

Of those who are accepted into the Flight each Fall, several members are selected for aircrew training—particularly from the technical faculties. The requirements are similar to those previously mentioned with the following exceptions:

(*a*) They must have attained their 18th but not their 22nd birthday on commencement of training.

(*b*) They must be medically fit for full flying duties.

(*c*) They must be unmarried and remain single until completion of training.

6. PAY

Rates of pay are as follows:

First winter—$25.50 for the session.

Second and third winters—$51.00 for the session.

Summers—*Technical Training*—$153.00 per month.

Summers—*Aircrew Training*—$153.00 plus $30.00 per month flying pay.

Uniforms, transportation, board and accommodations, and medical and dental care are free.

7. APPLICATION FOR ENROLMENT

Students interested in obtaining further information are requested to apply to the R.C.A.F. Resident Staff Officer, Sir Arthur Currie Memorial Gymnasium.

Academic Dress

Undergraduates are entitled to wear a plain stuff gown, not longer than half way between the knee and the ankle, with round sleeves cut above elbow.

Bachelor of Arts--Black stuff gown, falling down below knee with full sleeve cut to elbow and terminating in a point (similar to that of the Cambridge B.A.); hood, black silk, lined with pale blue silk and edged with white fur.

Bachelor of Architecture—The same gown as Bachelors of Arts; hood, black silk, lined with white silk and edged with white fur.

Bachelor of Civil Law—The same gown as Bachelors of Arts; hood, black silk, lined with French grey silk and edged with white fur.

Bachelor of Commerce—The same gown as Bachelors of Arts; hood, black silk, lined with purple silk and edged with white fur.

Bachelor of Divinity—The same gown as Bachelors of Arts; hood, black silk, lined with violet silk and edged with white fur.

Bachelor of Engineering—The same gown as Bachelors of Arts; hood, black silk, lined with scarlet silk and edged with white fur.

Bachelor of Fine Arts—The same gown as Bachelors of Arts; hood, black silk, lined one half with pale blue silk and one half with white silk, divided vertically, the blue being on the wearer's right.

Bachelor of Household Science—The same gown as Bachelors of Arts; hood, black silk, lined with jade green silk and edged with white fur.

Bachelor of Library Science—The same gown as Bachelors of Arts; hood, black silk, lined with orange silk and edged with white fur.

Bachelor of Music—The same gown as Bachelors of Arts; hood, black silk, lined with pale mauve silk and edged with white fur.

Bachelor of Nursing—The same gown as Bachelors of Arts; hood, black silk, lined with dark blue silk and edged with white fur.

Bachelor of Science—The same gown as Bachelors of Arts; hood, black silk, lined with yellow silk and edged with white fur.

Bachelor of Science in Agriculture—The same gown as Bachelors of Arts; hood, black silk, lined with dark green silk and edged with white fur.

Bachelor of Science in Physical Education—The same gown as Bachelors of Arts; hood, black silk, lined with claret coloured silk and edged with white fur.

Bachelor of Social Work—The same gown as Bachelors of Arts; hood, black silk, lined with fuchsia silk and edged with white fur.

Master of Arts—Black gown of stuff or silk, falling below knee, with long sleeves with semi-circular cut at the bottom (similar to that of the Cambridge M.A.); hood, black silk, lined with pale blue silk.

Master of Architecture—The same gown as Masters of Arts; hood, black silk, lined with white silk.

Master of Civil Law—The same gown as Masters of Arts; hood, black silk, lined with French grey silk.

Master of Commerce—The same gown as Masters of Arts; hood, black silk, lined with purple silk.

Master of Engineering—The same gown as Masters of Arts; hood, black silk, lined with scarlet silk.

Master of Sacred Theology—The same gown as Masters of Arts; hood, black silk lined with violet silk.

Master of Science—The same gown as Masters of Arts; hood, black silk, lined with yellow silk.

Master of Science (Applied)—The same gown as Masters of Arts; hood, black silk, lined one half with pale green silk and one half with yellow silk, divided vertically, the green being on the wearer's right.

Master of Social Work—The same gown as Masters of Arts; hood, black silk, lined with fuchsia silk.

Doctor of Civil Law—The same gown as Masters of Arts; hood, scarlet cloth, lined with French grey silk.

Doctor of Dental Surgery—The same gown as Masters of Arts; hood; scarlet cloth, lined with pink silk.

Doctor of Laws—The same gown as Masters of Arts; hood, scarlet cloth, lined with white silk.

Doctor of Literature—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale blue silk.

Doctor of Medicine and Master of Surgery—The same gown as Masters of Arts; hood, scarlet cloth, lined with dark blue silk.

Doctor of Music—The same gown as Masters of Arts; hood, scarlet cloth, lined with mauve silk.

Doctor of Philosophy—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale green silk.

Doctor of Science—The same gown as Masters of Arts; hood, scarlet cloth, lined with yellow silk.

Doctor of Science (Applied)—The same gown as Masters of Arts; hood, scarlet cloth, lined one half with pale green silk and one half with yellow silk, divided vertically, the green being on the wearer's right.

Doctors of Laws, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy, and Doctors of Music are entitled to wear for full dress a robe of scarlet cloth (similar in pattern to that of the Cambridge LL.D.) faced with silk of the same colour as the lining of their respective hoods.

All hoods are in pattern similar to that of the Masters of Arts of Cambridge University.

Undergraduates and graduates wear the ordinary black trencher with black tassel, but Doctors of Laws, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy, and Doctors of Music wear for full dress a black velvet hat with gold cord, similar to that worn by Doctors of Laws of Cambridge University.

Samples of the colours of the linings of all hoods are kept for inspection in the office of the Registrar.

McGill University

Montreal

Directory of Students

1949-1950

DIRECTORY OF STUDENTS

TELEPHONE NUMBERS

Athletics, Physical Education, and Recreation. 475 Pine Avenue West
- Mr. Vic Obeck - MA.9181 Local 431
- Mr. F.M. Van Wagner " " " 421
- Mr. H.R. Ryan " " " 431
- Mr. Hay Finlay " " " 446

Canadian Officers Training Corps, Sir Arthur Currie Memorial Gymnasium - BE.3304

Conservatorium of Music, 3450 Drummond Street - Secretary - MA.9181 " 482
Co-Operative Residence (Men Students), 3609 University Street - LA.6307
Dawson College, St. Johns, Que. - Vice-Principal - St. Johns 6548
Diocesan College, 3474 University Street - Office - MA.3004
Students - MA.4902

Divinity Hall, 3520 University Street - Students - MA.9181 Local 371
Graduates' Society, 3466 University Street - BE.3087, MA.2664

Hillel Foundation, 3460 Stanley Street - HA. 9171

Macdonald College, Ste. Anne de Bellevue, Que. -
- Administrative Offices - Ste. Anne 335
- Men's Residence - Ste. Anne 806, Ste. Anne 810
- Women's Residence - Ste. Anne 788, Ste. Anne 795
- Main Building Dormitory - Ste. Anne 782, Ste. Anne 812
- Harrison House - Ste. Anne 407

McGill Daily, 690 Sherbrooke Street West - LA.2244
Editor-in-Chief: Clyde Kennedy - LA.2244 & MA.1550
McGill Union, 690 Sherbrooke Street West - LA.2244
President: John Crepeau - LA.2244
(After 10 P.M., and on Sundays and Holidays) - LA.2247

McGill University Administrative Offices -
- Principal - MA.9181 Local 200
- Comptroller - " " " 303
- Bursar - " " " 401
- Registrar - " " " 494
- Registrar's General Office - " " " 479
- Cashier - " " " 205
- Superintendent of Buildings and Grounds - " " " 328

Faculties -
- Arts and Science - Dean - " " " 206
- " " " - Assistant Dean - " " " 307
- Dentistry - Dean - " " " 211
- Divinity, 3520 University St. - Dean - " " " 293
- Engineering - Dean - " " " 317
- " - Secretary of the Faculty - " " " 348
- Graduate Studies and Research - Dean - " " " 319
- Law, 3544 Peel Street - Dean - " " " 451
- Medicine - Dean - " " " 311
- " - Secretary of the Faculty - " " " 207
- Music, 3450 Drummond Street - Dean - " " " 484
- " " " " - Secretary of the Conservatorium - " " " 482

Schools -
- Architecture, 3484 University St. - Director - " " " 351
- Commerce, 1020 Pine Ave. West - Director - " " " 450
- Graduate Nurses, 1266 Pine Ave. West - Director - " " " 485
- Library, Redpath Library - Director - " " " 252
- Physical Education, 475 Pine Ave. West - Director of School - " " " 433
- Physiotherapy, 1266 Pine Avenue West - Director - " " " 472
- Social Work, 3600 University Street - Director - " " " 277

Montreal General Hospital, 50 Dorchester Street East - PL.7751
Newman House, 2049 McGill College Avenue - BE.4088
Placement Service, 3466 University Street - HA.6405
Presbyterian College, 3485 McTavish Street - Office - PL.5754
Students - BE.0424

TELEPHONE NUMBERS - Continued

Residences (University) -

(Note - There are several students' telephones in most University residences. These telephones are not on the University switchboard. Where there is only one telephone by which all students are reached, it is listed below. In the other cases, if the correct number for a student is not known, call MA. 9181 for information.)

Douglas Hall of Residence (Men Students), 3851 University St.
McLennan Hall (Women Students), 3480 Ontario Avenue ---------PL.0044
Peterson Residences (Married Veterans), Lachine----------Lachine, Zone 8-731
Royal Victoria College (Women Students), 555 Sherbrooke Street West
Wilson Hall (Men Students), 3508 University Street

Rinks and Tennis Courts, McTavish Street----------MA.9181 Local 380
Royal Victoria College, 555 Sherbrooke Street West -
Warden---------- " " " 234
Warden's Secretary---------- " " " 325
Porter---------- " " " 236
Students: See note under "Residences, University", above.

Royal Victoria Hospital, 687 Pine Avenue West----------PL.1251
Student Christian Movement, 3625 Oxenden Avenue----------PL.1156

Student Health Service, 490 Pine Avenue West -
Men - (24 hour service)----------HA.9682
Women - Day (9 A.M. to 5 P.M.) All students call:
R.V.C. Infirmary----------MA.9181 Local 420
Night (5 P.M. to 9 A.M.) -
Students in Residences call: R.V.C. Porter (ask for Miss K. Bliss) --------MA.9194
Students not in Residences call: Dr.M.D.Mellor---WA.5560

Student House (I.V.C.F.), 3445 Peel Street----------HA.9462
Students' Executive Council, 690 Sherbrooke Street West---------LA.2244
President: Colin McCallum----------LA.2244
(After 10 P.M. and on Sundays and Holidays)--------LA.2246
Tickets for Football and Hockey, Sir Arthur Currie Gymnasium----PL.4489
United Theological College, 3506 University St. - Students-----BE.0752 HA.4873

MEN'S FRATERNITIES

Alpha Delta Phi, 3478 McTavish Street----------PL. 7412

Delta Kappa Epsilon, 3653 University Street----------PL. 2073

Delta Sigma Phi, 3592 University Street ----------PL. 2435

Delta Upsilon, 3434 McTavish Street ----------PL. 4492

Kappa Alpha, 3605 University Street ----------LA. 0643

Kappa Rho Tau, 1210 Pine Avenue, West ----------HA. 0098

Nu Sigma Nu, 545 Pine Avenue, West ----------MA. 1545

Phi Delta Theta, 3581 University Street----------MA. 3842

Phi Gamma Delta, 3421 Drummond Street----------LA. 0950

Phi Kappa Pi, 3647 University Street----------MA. 2806

Psi Upsilon, 3429 Peel Street----------PL. 7385

Sigma Chi, 3437 Peel Street----------PL. 1674

Tau Epsilon Phi, 3933 St. Urbain Street----------BE. 3691

Theta Delta Chi, 3633 Oxenden Avenue ----------LA. 6896

Zeta Beta Tau, 5187 Esplanade Avenue----------DO. 3652

Zeta Psi, 3637 University Street----------MA. 1736

WOMEN'S FRATERNITIES

Alpha Gamma Delta, 646 Sherbrooke Street West----------PL. 5601

Alpha Omicron Pi, 3560 University Street----------LA. 8318

Delta Gamma, Apt.19, 1489 Mountain Street----------BE. 6291

Delta Phi Epsilon, 2048 Maplewood Avenue----------AT. 2104

Gamma Phi Beta, 985 Sherbrooke Street West----------

Kappa Alpha Theta, 3570 University Street----------MA. 4068

Kappa Kappa Gamma, 768 Sherbrooke Street West----------HA. 7911

Sigma Delta Tau, 628 Victoria Avenue----------WA. 8510

NOTE REGARDING STARRED ITEMS

There is a supplementary list at the end of the Directory in which will be found the names of some students not appearing in the main section, and also revised listings for addresses, telephone numbers, etc.

A star ★ in the main section indicates that there is further information in the supplement.

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
A	
ABBEY ARTHUR G MACDONALD COLLEGE 45 PARKSIDE AVE MONTREAL WEST QUE	B SC AGR 3
ABBEY DOUGLAS REEVES Y M C A 1441 DRUMMOND ST MONTREAL QUE 224 N MAIN ST KENORA ONT	M ENG 2
ABBIS EUGENE PATRICK 5051 GROSVENOR AVE MONTREAL QUE PROULX S APTS EDMUNDSTON N B	B ENG CH 3 AT 5046
ABBOTT ALAN ST G MACDONALD COLLEGE TK LEA 31 EASTBURY AVE NORTHWOOD MDDX ENGLAND	B SC AGR 1
ABBOTT MARJORIE MACDONALD COLLEGE 1170 CHURCH AVE VERDUN QUE	TCH ELEM 1
ABBOTT NANCY LEILA 110A ARLINGTON AVE WESTMOUNT QUE	B A 1 DE 7792
ABER WILLIAM 3573 DECARIE BLVD N D G MONTREAL QUE	B SC 3 DE 5695
ABRAHAMS EDWARD JULIAN 4640 CLANRANALD AVE MONTREAL QUE	D D S 1 WA 1779
ABRAHAMS ENID FRANCES 4640 CLANRANALD APT 15 MONTREAL QUE	B A 4 WA 1779
ABRAHAMSON EILEEN 4477 DRAPER AVE N D G MONTREAL QUE	B A 2 WA 4473
ABRAHAMSON NORMA RUTH 2016 UNIVERSITY ST MONTREAL QUE 76 GEORGE ST NORANDA QUE	B SC P E 3 BE 0705
ABRAMOVITCH HENRY 5263 WAVERLY ST MONTREAL QUE	B SC 3 CR 3946
ABRAMOVICH VIVIAN 906 WILDER AVE OUTREMONT QUE	B A 4 AT 5934
ADAMS ARCHIE LLOYD 1514 CRESCENT ST MONTREAL QUE 89 CHARLOTTE ST OTTAWA ONT	B ENG EL 3
ABUGOV LOUIS 5811 PLANTAGENET AVE MONTREAL QUE	B COM 4 AT 7151
ADAIR HEATHER ★ 467 COTE ST ANTOINE RD WESTMOUNT QUE	B SC P E 1 EL 0804
ACHONG CORINA AURELIA ROYAL VICTORIA COLLEGE 10 KNOX ST P OF SPAIN B W I	B A 2
ADAM JOSEPH WILLIAM 447 PRINCE ALBERT AVE MONTREAL QUE 1791 W 40TH AVE VANCOUVER B C	A & S CO 1 DE 1671
ADAM JOHN E 3473 UNIVERSITY ST MONTREAL QUE 460 BALL AVE MONTREAL QUE	B D 1 MA 4902
ADAMS DOUGLAS GEORGE 3581 UNIVERSITY ST MONTREAL QUE 1 ELORA R D TORONTO ONTARIO	MD CM 2 MA 3842
ADAMS GLENN N 5441 GROVEHILL PLACE MONTREAL 28 QUE	M SC 1 EL 3461
ADAMS JAMES ROBERT 1700 MCGREGOR ST MONTREAL QUE	PARTIAL WI 0613
ADAMS JOCELYN L MACDONALD COLLEGE 500 MERIVALE ROAD CITY VIEW OTTAWA ONT	B SC H E 2
ADAMS JOHN IRVING 1461 MOUNTAIN ST MONTREAL QUE	B ENG CI 3 HA 8996
ADAMS SAMUEL TOWNSEND 243 CHARLES ST BOSTON MASS U S A 110 SHERMAN RD CHESTNUT HILL 67 MASS	MED DIPL 4
ADAMS WILLIAM A PRESBYTERIAN COLLEGE 206 ROYAL AVE SYDNEY N S	B ENG CH 3
ADAMS WILLIAM E PETERSON RESIDENCE HARRISVILLE N Y U S A	M A 1
ADAMSON ELIZABETH A 200 DUFFERIN RD HAMPSTEAD QUE	B A 4 WA 8817
ADAMSON JULIA DIANA ROYAL VICTORIA COLLEGE 7 PANDORA APTS WINNIPEG MAN	PHYSIOTH 1
ADELSON IRWIN 728 QUERBES AVE OUTREMONT QUE	B A 1 CR 8428
ADELSTEIN SARA 4239 ESPLANADE AVE MONTREAL QUE	B SC 3 BE 1408
ADESSERMAN SARAH MACDONALD COLLEGE 4457 DE BULLION ST MONTREAL QUE	TCH ELEM 1
ADILMAN LESTER R 5156 N D G AVENUE N D G MONTREAL QUE	B COM 4 DE 7884
ADJELEIAN JOHN 429 PRINCE ARHTUR ST MTL 39 OREAD ST WORCESTER 8 MASS	B ENG AM 2 MA 3826
AGABABA MOISES BILL DAWSON COLLEGE 12 ST 7 29 CALI COLOMBIA	B SC 1
AGNEW PAUL COMSTOCK 9 MASSUE ST UARENNES QUE 86 BROAD ST PLATTSBURGH N Y U S A	MD CM 3
AGNEW STANLEY ADAM PETERSON RESIDENCE 25TH AVE LACHINE QUE 100 OSSINGTON AVE OTTAWA ONT	B ENG MI 4
AIKEN JOHN EDWARD 428 SHERBROOKE ST W APT 25 MONTREAL QUE	B SC 4 HA 2954
AIKINS JOSEPH ANTHONY 4547 WEST BROADWAY MONTREAL QUE	MD CM 2 WA 3897

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
AIKMAN JOHN L 1548 STANLEY ST APT 28 MONTREAL 2 QUE	B ENG MC 4 HA 1323
AINSLIE EVERETT H QUEEN MARY VET HSOPITAL 4100 BENNY AVE MONTREAL QUE	MED DIPL 4 AT 9481
AINSWORTH JOAN MARGARET 377 PRINCE ARTHUR ST W MONTREAL QUE 34 BOLTON STREET BURY LANCASHIRE ENGLAND	GR N CER 1 HA 5858
AIRD PAUL LEET MACDONALD COLLEGE HUDSON HEIGHTS QUE	B SC AGR 2
AIRTH JOHN M MACDONALD COLLEGE 80 HALL ST RENFREW ONT	B SC AGR 4
AITKEN ROBERT VAUGHAN C 449 CLAREMONT AVE WESTMOUNT QUE 305 GRANDE ALLEE QUEBEC CITY QUE	B A 2 EL 4952
AITKEN SARAH ANNE 1733 CEDAR AVE MONTREAL QUE	PARTIAL WE 2418
ALBERGA VINCENT H DAWSON COLLEGE C O G F ALBERGA P W D KINGSTON JAMAICA	B SC 1
ALBERT DORIS EVA 5225 SHERBROOKE ST W APT 27 N D G MTL QUE	B A 1 DE 1282
ALBERT LIONEL 4660 PARK AVE RM 1 MONTREAL QUE	B A 3 CA 4371
ALCE EDWIN KENNETH 3455 HUTCHISON ST MONTREAL QUE	B A 3 PL 7057
ALBURY EDWIN PAUL PETERSON RESIDENCE 25TH AVE LACHINE QUE C O M H CLEARE NASSAU BAHAMAS	D D S 2
ALLEN SAMUEL EVANS WINDSOR HOTEL MONTREAL QUE 3117 GLENVIEW ST PHILADELPHIA PA	B ENG 1
ALLENBY RALPH G 186 LONGUEUIL ST ST JOHNS QUE	B ENG 1
ALEPIN EDWARD A 5859 LASSALLE BLVD VERDUN QUE	B COM 1 TR 8586
ALEXANDER CHARLES S 3478 MCTAVISH ST MONTREAL QUE C O MRS W B DINGMORE EDGARTOWN MASS U S A	B A 2 PL 7412
ALEXANDER EDWARD R JR 716 UPPER ROSLYN AVE WESTMOUNT QUE	B COM 1 DE 3094
ALEXANDER GEORGE L 3745 HUTCHISON ST APT 3 MONTREAL QUE 2218 SCHILLER AVE LITTLE ROCK ARK U S A	MD CM 2 MA 4939
ALIVISATOS SPYRIDON G A 3522 CLARK ST MONTREAL QUE 103 SMYSNIS ST N S MYZNI ATHENS GREECE	PH D 2 HA 4029

NAME ADDRESS	COURSE & YEAR TEL. NO.
ALLABY DONALD H MACDONALD COLLEGE BLOOMFIELD KINGS CO N B	B SC AGR 3
ALLABY STUART F MACDONALD COLLEGE BLOOMFIELD STA KINGS CO N B	B SC AGR 3
ALLAN CHARLES MCCAMMON 139 WOLSELEY AVE MONTREAL WEST	MD CM 2 EL 5428
ALLAN JOHN A H 19992 LAKESHORE ROAD BAIE D URFE QUE	B COM 3
ALLAN JOHN CHARLES DOUGLAS HALL 4 BELLEVUE PARK POINTE CLAIRE QUE	B A 4
ALLAN MARY MARGARET 4879 PATRICIA AVE MONTREAL QUE	B SC 2 WA 5294
ALLAN RONALD STUART 5244 GLOBERT AVE SNOWDON MONTREAL QUE	B SC 4 EL 2213
ALLAN THOMAS WILLIAM 1204 SUSSEX AVE MONTREAL QUE	B ENG MC 3 WI 0615
ALLEN ALBERT GIBSON 1529 CEDAR AVENUE MONTREAL QUE 344 SECOND AVE OTTAWA ONT	MD CM 4 PL 4464
ALLEN DOUGLAS ERNEST DAWSON COLLEGE 324 MANDEVILLE ST WINNIPEG MAN	B ENG 1
ALLEN FRANK FORREST 4530 RIDGEVALE AVE APT 11 MONTREAL QUE 26 DANFORTH ST JAMAICA PLAIN MASS	B COM 2 EX 6389
ALLEN FRANCIS T DOUGLAS HALL	B A 3
ALLEN GLYNFORD P Y M C A 1441 DRUMMOND ST MONTREAL QUE EAST ADVOCATE CUMB CO NOVA SCOTIA	B S W 1
ALLEN HAROLD DON 53 MILTON ST MONTREAL 18 QUE	B SC 2 HA 2065
ALLEN JOHN BRADFORD 1608 SELKIRK AVE MONTREAL QUE 1047 MAIN ST EAST HAMILTON ONT	B ENG CH 4 WI 7745
ALLEN MARGARET LILLIAN ROYAL VICTORIA COLLEGE 4940 CORONET AVE APT 17 MONTREAL QUE	B SC 3
ALLEN ROBERT L ST LAURENT QUE	M A 3
ALLEN VICTOR BISHOP 1306 CRAWFORD BRIDGE ST VERDUN QUE	B SC P E 4 TR 3562
ALLEN WILLIAM SCOTT DOUGLAS HALL HAWKESBURY ONT	B A 1
ALLEYNE SELWYN E DAWSON COLLEGE 9 PEMBROKE ST P OF SPAIN TRINIDAD BWI	B SC 2
ALLIN JOHN WARREN 4426 MELROSE AVE MONTREAL 28 QUE	B COM 3 EL 3081

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ALLISTER NAIDA 5220 QUEEN MARY ROAD APT 11 MONTREAL QUE	B SC 4 DE 5189
ALLISTON ALEXANDER JOHN 4485 NOTRE DAME ST E MONTREAL 4 QUE	B C L 3 CL 2783
ALLNUTT GEORGE RAYMOND 6081 TERREBONNE AVE N D G MONTREAL QUE	B COM 2 WA 6090
ALTSHULER JOHN HENRY DAWSON COLLEGE TRONTINO GOLD MINES OTU VIA MEDELLIN COL S A	B SC 1
AMARON ROY CALVIN 3508 UNIVERSITY ST MONTREAL QUE STANSTEAD COLLEGE STANSTEAD QUE	B A 2 HA 4873
AMBRIDGE JANET W ROYAL VICTORIA COLLEGE 19 WYCHWOOD PK TORONTO ONT	B A 4
AMBROSE ERNEST REYNOLDS 4000 WILSON AVE MONTREAL QUE	D D S 4 DE 9813
AMER ELY 3519 LORNE AVE MONTREAL QUE 1143 HOE AVE N Y 59 N Y U S A	M S W 2
AMES SALLY BLAIR ROYAL VICTORIA COLLEGE 1210 BENEDICT CANON DR BEVERLY HILLS CALIF USA	B A 3
AMYOT DENIS EDOUARD 1305 PINE AVE W MONTREAL QUE BOX 311 TISDALE SASK	PH D 4 PL 1375
ANBER BEATRICE ANN P O BOX 27 ST THERESE QUE	PHYSIOTH 3
ANCTIL PAUL A 2314 CLIFTON AVE N D G MONTREAL QUE	B ENG EL 3 EL 6849
ANDERSON BEATRICE A 4236 ROYAL AVE N D G MONTREAL QUE	B SC 1 DE 4126
ANDERSON BRUCE MOWAT 3549 MARLOWE AVE N D G MONTREAL QUE	B COM 2 WA 2384
ANDERSON EARL ROY 3511 BELMORE AVE MONTREAL QUE	GRAD QUA 1 EL 4022
ANDERSON FRANCIS D 935 OSBORNE AVE VERDUN QUE	M SC 1 TR 5411
ANDERSON FRANK D 396 SHERBROOKE ST W APT 1 MONTREAL QUE BOX 71 LUNENBURG N S	B ARCH 4 HA 6377
ANDERSON JOHN BURTON PETERSON RESIDENCE 1547 DESPARD AVE VICTORIA B C	MD CM 4
ANDERSON JOSEPH C 424 PRINCE ALBERT AVE WESTMOUNT QUE R R 1 CHERRY VALLEY ONT	B ENG CI 4 DE 1222
ANDERSON ROBERT JOSEPH Y M C A DRUMMOND ST MONTREAL QUE 930 ST NICHOLAS AVE NEW YORK 32 N Y U S A	B SC 3
ANDERSON ROBERTA E C MACDONALD COLLEGE 204 GENEVA CRESCENT TOWN OF MOUNT ROYAL QUE	TCH ELEM 1
ANDERSON WILLIAM E DAWSON COLLEGE 1182 LLOYD GEORGE AVE VERDUN QUE	B ENG MC 2
ANDERSON WILLIAM JOHN 3240 MAPLEWOOD AVE MONTREAL QUE WESTPORT ONT	B SC 3 AT 8260
ANDREW GEORGE M 4027 GREY AVE N D G MONTREAL QUE NEW GLASGOW P E I	B SC P E 2 EL 0374
ANDREWS DAPHNE JOAN 3736 COTE DES NEIGES RD MONTREAL QUE	B A 1 WI 6701
ANDREWS LEWIS M 3445 PEEL ST MONTREAL QUE R F D 2 MONTGOMERY N Y U S A	B SC 3 HA 9462
ANDREWS ROBERT W DAWSON COLLEGE OTTAWA ONT	B ENG 1
ANDREWS WILLIAM E 4049 HAMPTON AVE MONTREAL QUE 157 ELGIN AVE SARNIA ONT	B ARCH 4 EL 0681
ANDRONIDIS GEORGE PRESBYTERIAN COLLEGE 22 RASHID ST HELIOPOLIS CAIRO EGYPT	B ENG EL 4 BE 0424
ANFOSSIE FREDERICK R WILSON HALL HILLSEA CAVENDISH HEIGHT BERMUDA	B A 2
ANFOSSIE HAROLD C WILSON HALL QUE HILLSEA PEMBROKE BERMUDA	B A 1
ANGEL ROGER B 1501 CHOMEDY ST APT 28 MONTREAL QUE	B A 1 FI 8711
ANGELL PETER REGINALD 3265 BARCLAY AVE APT 8 MONTREAL QUE 34 BLACK ST LAKEBURN N B	B ENG MC 3
ANGERS FRANCOIS 253 EDISON AVE ST LAMBERT QUE	B COM 3
ANGERS JOHN WENCESLAS 253 EDISON AVE ST LAMBERT QUE	MD CM 1
ANGERS PIERRE C E 253 EDISON AVE ST LAMBERT QUE	B COM 3
ANGLIN JOHN VICKERS A DOUGLAS HALL FAIRVILLE NEW BRUNWICK	MD CM 1
ANGUS GRACE ELSPETH A 616 BELMONT AVE WESTMOUNT QUE	B SC 3 DE 7624
ANGUS MICHAEL FORREST DOUGLAS HALL 4950 MARGUERITE ST VANCOUVER B C	MD CM 3
ANGUS SHEILA G 3480 ONTARIO AVE MONTREAL QUE BIGGAR SASK	MUS QUAL 1 PL 0044

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ANNETT LEWIS LLOYD 2112 CLAREMOUNT AVE APT 24 MONTREAL 6 QUE GASPE QUE	B COM 4 EL 9090
ANSHELL NINA 5595 COTE DES NEIGES RD APT 2 MONTREAL QUE	PHYSIOTH 1 EX 4118
ANNINOS LUKE 5274 PARK AVE MONTREAL QUE 39 SPEFSIPPOU ST ATHENS GREECE	B A 3 CR 5767
ANSON JOSEPHINE CLARE ROYAL VICTORIA COLLEGE BURNSIDE BAYVIEW ST SYDNEY NOVA SCOTIA	PHYSIOTH 1
ANTECOL SAUL LEO DAWSON COLLEGE 4830 ESPLANADE AVE MONTREAL QUE	B ENG 1 CA 6669
ANTLIFF JOAN EVELYN 3791 MARLOWE AVE MONTREAL 28 QUE	B A 2 EL 4262
ANTLIFF JOHN COOPER 3791 MARLOWE AVE MONTREAL 28 QUE	B SC 3 EL 4262
ANTLIFF WILLIAM B 2190 ADDINGTON AVE MONTREAL QUE 22 ROCHESTER AVE TORONTO ONT	B SC 3 EL 2044
ANTONESCUL NICHOLAS 38 ST JAMES ST VILLE ST PIERRE QUE	B SC 4 DE 9718
APOSTOLATOS ROSE 358 VICTORIA AVE WESTMOUNT QUE	B A 3 WA 4654
APPLEBAUM PHYLLIS ANN 611 ST GERMAIN AVE OUTREMONT QUE	MUS QUAL 1 AT 9722
APPLEBY ERIC BLAIR 4430 BEACONSFIELD AVE MONTREAL QUE	B COM 2 EL 4903
APPLEBY MARILYN MONA 4430 BEACONSFIELD AVE MONTREAL QUE	B A 1 EL 4903
ARBELAEZ DARIO DAWSON COLLEGE CARRERD 14 NO 33 A17 BOGOTA COLOMBIA	B ENG 1
APPLEBY WILLIAM MACDONALD COLLEGE 235 ST GERMAIN ST ST LAURENT QUE	B SC AGR 1
ARBUCKLE JOHN WILLIAM ★ ROYAL VICTORIA HOSPITAL 1112 ELGIN TERRACE MONTREAL QUE	MED DIPL 3 PL 1251
ARCHAMBAULT MAURICE ED DAWSON COLLEGE 872 CASCADES ST ST HYACINTHE QUE	B ARCH 1
ARCHER WILLIAM LUCAS 3420 UNIVERSITY ST MONTREAL QUE 871 DUNDAS ST LONDON ONT	PH D 4
ARCHIBALD JAMES DITEMAN PRESBYTERIAN COLLEGE GRACE HARBOR NEWFOUNDLAND	B ENG EL 3
ARCHIBALD RICHARD E MACDONALD COLLEGE 5197 SARANAC AVE N D G MONTREAL QUE	B SC AGR 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
ARENA CARLOS ZAMORA 110 MEXICO CITY MEXICO	B ENG MC 4
ARGYROPOULOS HELEN 1025 SHERBROOKE ST W MONTREAL QUE SOLONOS 41 ATHENS GREECE	B A 1 BE 0336
ARGYROPOULOS STAVROS DOUGLAS HALL SOLONOS 41 ATHENS GREECE	B A 2
ARGYROPOULOS TIMOLEON DOUGLAS HALL SOLONOS 41 ATHENS GREECE	B ENG MC 3
ARIANO ALPHONSE ALFRED HUNTINGDON HIGH SCHOOL MONTREAL QUE 1842 ST CLEMENT ST MONTREAL QUE	M A 3
ARMATTOE AUGUSTE ABOTCH DAWSON COLLEGE 7 NORTHLAND RD LONDONBERRY N I	B SC 1
ARMSTRONG ANNA LUELLA MCLENNAN HALL 208 BRONSON AVE OTTAWA ONTARIO	B L S 1
ARMSTRONG ANDREW D 120 SHERBROOKE ST W APT 10 MONTREAL QUE 129 CHARLOTTE ST SAINT JOHN N B	B ENG CH 3 PL 4096
ARMSTRONG BRUCE P 464 SIXTH AVE VERDUN QUE	GRAD QUA 1 YO 69100
ARMSTRONG DAVID A DAWSON COLLEGE POOL ST JOHN BARBADOS B W I	B SC 2
ARMSTRONG ELIZABETH A 652 BELMONT AVE WESTMOUNT QUE	B A 3 WA 1730
ARMSTRONG RICHARD G 132 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 0552
ARMSTRONG ROBERT J DAWSON COLLEGE QUE 53 CUMBERLAND ST BARRIE ONT	B ENG 1
ARMSTRONG WALTER W 3545 GIROUARD AVE N D G MONTREAL QUE R R 4 HARVEY STATION YORK COUNTY N B	B ENG CH 3 DE 2457
ARNOLD GERALD GOODWIN 103 JARRY BLVD ST MARTIN QUE	B COM 3
ARNOLD JOCELYN ANNE 555 SHERBROOKE ST MONTREAL QUE GRENVILLE QUE	B A 1
ARNOT EMMA DOROTHY 4042 TUPPER STREET WESTMOUNT QUE SCHREIBER ONTARIO	GR N CER 1
ARO ANTS 1460 FORT STREET MONTREAL QUE DIPERSG 16 1 STOCKHOLM SWEDEN	B COM 2
ARREY JAMES D 6373 DE LA ROCHE ST MONTREAL 10 QUE	L MUS 1 CA 4461

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ARREY KELLY JOHN 6373 DE LA ROCHE ST MONTREAL QUE	B ENG MC 4
ARRON SHIRLEY ROYAL VICTORIA COLLEGE 25 CONNAUGHT AVE HALIFAX N S	B SC 1
ARSENEAULT FRED P PETERSON RESIDENCE 25TH AVE LACHINE QUE FORT FRANCES ONT	B ENG EL 4
ARSHAWSKY PEARL ROSE ROYAL VICTORIA COLLEGE 325 4TH AVE WEST MELVILLE SASK	B SC 3
ARTIS DAVID WENDELL JR DAWSON COLLEGE QUE 224 RUSHMORE AVE PLAINFIELD N J U S A	B SC 1
ARTOLA LETICIA ROYAL VICTORIA COLLEGE MI LANES 36 MATANZAS CUBA	B A 2
ASCROFT GEORGE 1024 VAN HORNE AVE MONTREAL QUE	B SC 3 TA 9557
ASHBY JOAN B MACDONALD COLLEGE 489 ARGYLE AVE WESTMOUNT QUE	B SC H E 1
ASHING MERVYN CLAYTON 3537 SHUTER ST MONTREAL QUE 6 PARK ST PORT OF SPAIN TRIN BWI	D D S 2 MA 8865
ASHLEY LEONARD R N 3640 PARK AVE MONTREAL QUE	M A 1 LA 0985
ASHTON NORMAN JESSE 278 DESMARCHAIS BLVD VERDUN QUE	B SC P E 2
ASHWORTH DAVID WILLIAM 3664 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 DE 2046
ASIMAKOPULOS TOM 5820 ST LAWRENCE BLVD MONTREAL QUE	B A 3 CA 7800
ASPINALL PHILLIP P 1501 ARGYLE AVE MONTREAL 3 QUE	B COM 4 LA 3348
ASSELIN JOHN TOBIN 27 ROSEMOUNT AVE WESTMOUNT QUE	B COM 1 WI 9427
ASTLE JOHN SHEARER 2055 LINCOLN AVE APT 2 MONTREAL QUE	B COM 1 FI 8423
ASTON EDITH PAULINE 4611 MAPLEWOOD AVE MONTREAL QUE 8 HUMEWOOD DRIVE BELLEVILLE ONT	PHYSIOTH 3 AT 4274
ASTWOOD PETER MILLARD HUDSON HEIGHTS QUE	A & S CO 1
ATKINSON DONALD ROSS 7 HUDSON AVE WESTMOUNT QUE	B ENG CH 4 WI 7246
ATTAS JACK DAWSON COLLEGE 5 SOLOMON ST ATHENS GREECE	B ENG 1
AUDET HENRY JOSEPH BELMONT RESIDENTIAL CLUB MCGILL COLLEGE AVE MTL 51 SALEM ST SALEM MASS U S A	B SC 3
AUDLEY CLAIRE ELFRIDE 43 HENLEY AVE TOWN OF MOUNT ROYAL QUE	B F A 1 AT 0151
AUGER LEONARD V C 258 SHERBROOKE ST W 8 HARMER AVE OTTAWA ONT	B ENG CI 3
AVOIER KENNETH ALOYSIUS 2519 HUTCHISON ST MONTREAL QUE 28 CORAL STREET CASTRIES ST LUCIA B W I	B COM 4 MA 9921
AULD PETER ALEXANDER MCF 456 MOUNTAIN AVE WESTMOUNT QUE LAKE SHORE ROAD E OAKVILLE ONTARIO	MD CM 2
AURITH MARILYN 3400 RIDGEWOOD AVE MONTREAL QUE	PHYSIOTH 1 EX 4167
AUSTIN ROBERT OWENS DAWSON COLLEGE 4666 VAN HORNE AVE MONTREAL QUE	B ENG 1
AVAKIAN AVAK 429 PRINCE ARTHUR ST MONTREAL QUE 29 GLEN ST WORCESTER MASS U S A	B SC 3 MA 3826
AVERY JOYCE ISOBEL 4351 WESTHILL AVE N D G MONTREAL QUE	B SC 2 DE 7952
AVES WILLIAM W 50 STE FAMILLE ST QUEBEC CITY QUE	B SC 3
AVISON INEZ ANNE MACDONALD COLLEGE	B A 2
AVISON JOAN MACDONALD COLLEGE	B SC H E 4
AYER ETHEL GERALDINE 4635 ROYAL AVE N D G MONTREAL QUE	B A 4 EL 2188
AYER GEORGE EDWARD S DAWSON COLLEGE 4088 HINGSTON AVE N D G MONTREAL QUE	B ENG EL 2
AYER HELEN MARGARET 810 UPPER LANSDOWNE WESTMOUNT QUE	B A 4 EL 4804
AYKROYD JUDITH MARY 473 LANSDOWNE AVE WESTMOUNT QUE	B A 1 EL 5685
AYLEN DEREK HENRY 481 PRINCE ARTHUR ST MONTREAL QUE 230 PARK ROAD OTTAWA ONT	B A 1 LA 9489
AYOUNG CHEE SCOTT M DAWSON COLLEGE 98 CIRCULAR ROAD SAN FERNANDO TRINIDAD B W I	B ENG CH 1

B

BABOUSHKIN RAYMOND 2614 SOISSONS AVE MONTREAL QUE	M A 1 AT 4268
BACAL HENRY MICHAEL 5144 TRANS ISLAND AVE MONTREAL QUE	B A 1 EL 4308

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
BACARINOS STATHIS J 3547 HUTCHISON ST MONTREAL QUE 18 ALKAMENOUS STREET ATHENS GREECE	M COM 1 HA 3053
BACHOVZEFF CONSTANTINE 3557 DUROCHER ST MONTREAL QUE	B ENG MC 3 HA 7512
BACHOVZEFF OLGA 1870 REGENT RD 2777 HILLPARK CIRCLE TOWN OF MOUNT ROYAL QUE MONTREAL QUE	B ARCH 3 EX 4339 FI 6915
BACKLER MURRAY DAWSON COLLEGE QUE 5331 JEANNE MANCE ST MONTREAL QUE	B ENG 2
BACULIS ALPHONSE J G 434 16TH AVE LACHINE QUE	L MUS 2
BADGLEY ROBIN FRANCIS 367 ELM AVE WESTMOUNT QUE	B A 2 FI 7360
BADKE DONALD JOHN 5638 QUEEN MARY ROAD HAMPSTEAD 29 QUE	B COM 1 EL 8047
BAER HAROLD GUSTAV DAWSON COLLEGE 5215 VICTORIA AVE APT 6 MONTREAL QUE	B SC 2
BAERG ABRAHAM P 3485 MCTAVISH ST MONTREAL QUE ACME ALBERTA	M SC 1 BE 0425
BAGLEY RITA FRANCES ROYAL VICTORIA COLLEGE 232 WOODSIDE AVE WINTHROP 52 MASS U S A	B A 2
BAHL JOSEPH M 8765 ROUTHIER ST MONTREAL QUE 644 BELCOURT ST DRUMMONDVILLE QUE	B ENG MC 4 DU 4209
BAILEY WILLIAM D DAWSON COLLEGE QUE 5828 DUROCHER AVE OUTREMONT QUE	B ENG 1 CR 8051
BAILEY WILLIAM H DAWSON COLLEGE 4 PAGE ST LAPRAIRIE QUE	B ENG MC 2
BAILEY WILLIAM R A PETERSON RESIDENCE 39 GLENDALE AVE OTTAWA ONT	M SC 1
BAILIE MARJORIE ANNE 3450 DUROCHER APT 26 MTL 1029 19 AVE STREET WEST CALGARY ALBERTA	B L S 1 MA 6456
BAIN DONALD C 316 VICTORIA AVE WESTMOUNT QUE	B A 4 EL 4868
BAIN ELIZABETH B 4301 BENNY AVE MONTREAL 28 QUE	B SC 1 EL 0737
BAIRD DOUGLAS J 3015 SHERBROOKE ST W MONTREAL QUE	B COM 2 WI 0524
BAITTLE BRAHM 3638 LORNE CRESCENT MONTREAL QUE	MD CM 4 PL 6062
BAKER DAVID CHARLES H 626 MURRAY HILL WESTMOUNT QUE	B COM 3 DE 9662
BAKER KENNETH ALEXANDER 5881 SHERBROOKE ST W APT 6 N D G MTL QUE	B COM 3 DE 4470
BAKER MAXWILL C 4419 JEANNE D ARC ST MONTREAL QUE	B ARCH 5
BAKER MIRIAM PHIPPS ROYAL VICTORIA COLLEGE 280 ROSLYN RD WINNIPEG MAN	B A 2
BAKER WILLIAM R M 250 LANSDOWNE AVE WESTMOUNT QUE	B A 2 WI 1506
BAGSHAWE MILDRED ANNE 97 ARLINGTON AVE WESTMOUNT QUE WOODVIEW RIDLETT HERTFORDSHIRE ENGLAND	B A 1
BELCOURT JOY ANN T B 43 BARAT RD WESTMOUNT QUE	B SC 3 WI 0744
BALDWIN ELWYN MEAD MACDONALD COLLEGE BALDWIN S MILLS COATICOOK QUE	B SC AGR 4
BALDWIN HAROLD R DAWSON COLLEGE QUE BALDWIN S MILLS COATICOOK QUE	B ENG 1
BALDWIN WILLIAM CHARLES 307 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 6101
BALDWIN WILLIS KEITH 7023 MARQUETTE ST APT 2 MONTREAL QUE	B ENG ME 4 TA 4804
BALL GORDON LEWIS 17 CHURCH AVE VALOIS QUE	B ENG EL 4
BALL JOHN LESTER 3 ALLISON AVE STE ROSE QUE	B COM 3
BALL JUNE MARY MACDONALD COLLEGE 11 WAYAGAMACK ISLAND THREE RIVERS QUE	B SC H E 3
BALLABON MAURICE BERNAR 706 DE L EPEE AVE OUTREMONT QUE	B A 4 VI 0211
BALLANTYNE CHARLES C 1297 REDPATH CRESCENT MONTREAL QUE	B A 1 HA 5408
BALLANTYNE JAMES MICHAE 10 CHELSEA PLACE MONTREAL QUE	B A 2 WI 6340
BALLANTYNE LINDA T 10 CHELSEA PLACE MONTREAL QUE	B A 1 WI 6340
BALLEM CHARLES MILLER 5582 DECELLES AVE APT 7 MONTREAL QUE	MED DIPL 4 AT 2586
BALLON BASIL FRANK 3010 WESTMOUNT BLVD MONTREAL QUE	B COM 1 WI 9869
BALLON HENRY STANLEY 5802 WAVERLY APT 3 MONTREAL QUE	B SC 2 CA 0615
BALLON JONATHAN DANIEL 3010 WESTMOUNT BLVD MONTREAL QUE	MD CM 2 WI 9869
BALLOW JOHN BARTLETT 3561 HUTCHISON ST MTL 384 ESSEX STREET SALEM MASS U S A	MD CM 2 LA 0564

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BALTAS EVA 3537 STE FAMILLE ST MONTREAL QUE	L MUS 1
BALTZAN MARCEL ALTER 3650 ST URBAIN STREET MONTREAL QUE 219 SASK CRES W SASKATOON SASK	MD CM 1 HA 2364
BANCROFT GEORGE W 2019 AYLMER ST APT 2 MONTREAL QUE 91 FIRST ST GEORGETOWN 5 B GUIANA	B A 3
BANFILL NINA E MACDONALD COLLEGE NORTH HATLEY QUE	B SC H E 4
BANKS DAVID EMERSON 236 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 2451
BANNON NORAH C M 4152 NORTHCLIFFE AVE N D G MONTREAL QUE 96 DRINKWATER ST SUDBURY ONT	L MUS 2 WA 6083
BANTING WILLIAM R DOUGLAS HALL 71 CRESCENT ROAD TORONTO ONT	B A 2
BARAC HELENE NADINE 3661 ST FAMILLE ST MONTREAL 18 QUE	B A 1 MA 3834
BARBEAU JOSEPH ALPHONSE ST CONSTANT QUE	B C L 2
BARBEAU MARIE C L 1785 LAJOIE OUTREMONT QUE	PARTIAL AT 4239
BARCLAY MARGARET ISOBEL 1522 SUMMERHILL MONTREAL QUE	B SC 1 FI 9145
BARDANIS LOUIS 1233 CLARK ST MONTREAL QUE	B ENG MC 3 LA 1432
BARES WILLIAM DANIEL 2207 OLD ORCHARD AVE N D G MONTREAL QUE 245 61 63RD AVE DOUGLASTON L I N Y U S A	B A 3
BARK DINA MACDONALD COLLEGE 135 CLERMONT AVE MONTREAL QUE	TCH ELEM 1
BARKER ALEXANDER V MACDONALD COLLEGE R R 1 LOWER TRURO N S	B SC AGR 4
BARLOW CHRISTOPHER H DOUGLAS HALL QUE 24 MOOREND RD CHELTENHAM ENGLAND	B ARCH 2
BARLOW PERCY CLAYTON 2023 JEANNE MANCE ST MONTREAL QUE R R 4 DANVILLE QUE	B ENG CI 4 HA 7653
BARNES BARBARA JEAN 2504 MAYFAIR AVE MONTREAL 28 QUE	B A 1 EL 6856
BARNES CHARLES RUPPERT 3560 MOUNTAIN STREET MONTREAL QUE	MD CM 1 PL 2335
BARNES HOWARD W DAWSON COLLEGE 280 MAIN ST OTTAWA ONT	B ENG 1
BARNETT FREDERICK O 2238 OXFORD AVE MTL 28 DUNDAS ST NAPANEE ONT	B SC 3 WA 3859
BARONET ROBERT P 1494 SPRINGLAND AVE MONTREAL 20 QUE 5526 VERDUN AVE VERDUN QUE	B ENG MC 4 TR 4165
BARR RITA GRACE 3783 KENT AVENUE COTE DES NEIGES MTL QUE	PHYSIOTH 3 EX 6842
BARRE DIANE E 1467 DRUMMOND ST MONTREAL QUE	B F A 1 MA 1843
BARRETT BEATTY D MACDONALD COLLEGE ST JOHNS QUE	B ENG MC 4
BARRETT FRANK ELWIN 1320 OUIMET ST VILLE ST LAURENT QUE	B ENG EL 4
BARRETT JOHN ALEX 7594 CHRISTOPHE COLOMBE MONTREAL QUE	B ARCH 5 DO 2314
BARRETT MARY PATRICIA 4982 QUEEN MARY RD APT 25 MONTREAL QUE	GR N CER 1
BARRIER CHARLOTTE ANN 3419 UNIVERSITY ST MONTREAL QUE 2108 BROADWAY LUBBOCK TEXAS U S A	MUS B 3
BARRIERE JEAN ROWAN 3567 PEEL ST MONTREAL 33 AVE MONTAIGNE PARIS FRANCE	B C L 2 LA 6869
BARRON JOSEPH CHARLES PETERSON RESIDENCE LACHINE QUE	B ENG EL 4
BARRON L ROBERT 221 CLARKE AVE APT 21 WESTMOUNT QUE 118 MILITARY RD ST JOHN S NEWFOUNDLAND	MD CM 4 WI 3806
BARRY D ELIZABETH 3539 GREY AVE N D G MONTREAL QUE	B A 3 DE 5332
BARRY MACDONALD LLOYD G 3545 ST URBAIN APT 4 MONTREAL QUE 741 AVE H SOUTH SASKATOON SASK	MD CM 2 LA 4068
BARTHE JEAN AIME J DAWSON COLLEGE LORETTEVILLE QUE	B ENG 1
BARTLEMAN CATHERINE MARY 3422 STANLEY STREET MTL 12302 104 AVE EDMONTON ALBERTA	GR N CER 1 MA 0526
BARTLETT ALLEN ELWOOD 3421 DRUMMOND ST MONTREAL QUE 36 WEST 8TH ST OSWEGO N Y U S A	B COM 2 LA 0950
BARTLETT ELINOR MARION 77 CHESTERFIELD AVE WESTMOUNT QUE	B A 2 EL 1240
BARTLETT LESLIE HAMER 545 PINE AVE WEST MONTREAL QUE 87 AVE CHARLES WOESTE JETTE BRUSSELS BELGIUM	MD CM 2 MA 1545

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BARTLETT ROBERT F 1540 GUY ST MONTREAL QUE	B ENG MC 4 YO 5011
BARTON STUART S 65 SHERBROOKE ST W MONTREAL QUE 7 FULLER AVE TORONTO ONT	PH D 2 HA 5689
BARTOSHUK ALEXANDER K 6051 GERIN LAJOIE ST MONTREAL QUE	M SC 1
BARTRAM ALFRED K 5584 QUEEN MARY ROAD HAMPSTEAD QUE	B ENG ME 4 EL 5356
BARWICK DONALD CAMERON 282 ONTARIO ST W MONTREAL QUE ILE BOISEE ST GENEVIEVE DE PIERREFOND SQUE	B COM 4 LA 1213
BARWICK KENNETH ALAN DAWSON COLLEGE 5 KILBURN CRES HAMPSTEAD QUE	B ENG MC 2 EL 1425
BASHAW HERBERT E MACDONALD COLLEGE 2909 PLACE DALCOURT THREE RIVERS QUE	TCH INT 1
BASSAM DOUGLAS W 354 OLIVER ST N D G MONTREAL QUE 474 LEWIS ST OTTAWA ONT	B ENG EL 3 FI 8032
BASSETT HENRY GORDON 3202 MAPLEWOOD AVE APT 12 MONTREAL QUE	M SC 1
BASTIEN ARCHIBALD G W WILSON MEMORIAL HALL LA RESSOURCE DENNERY ST LUCIA B W I	B ENG EL 3
BATCHELDER EARLE CLAYTO 3634 LORNE CRESCENT MONTREAL QUE 19 STATEN RD BRAINTREE MASS U S A	B A 3 LA 0950
BATCHELOR HUGH 4966 DECARIE BLVD APT 6 N D G MONTREAL QUE	B COM 3
BATE PHILIP CHARLES W DAWSON COLLEGE 181 FRASER ST QUEBEC QUE	B SC 2
BATE ROBERT CAMERON 3780 RIDGEVALE AVE BOX 8 LANARK ONT	B ENG PH 2 AT 3329
BATLLE JAIME 2047 UNION AVE MONTREAL QUE SANTA ANA ELSALVADOR C A	B COM 2
BATSHAW ZIPPORAH 4336 MONTROSE AVE WESTMOUNT QUE	B A 4 FI 9002
BATTCOCK MARTIN G 3567 HUTCHISON ST MONTREAL QUE 13 FOREST ROAD ST JOHNS NEWFOUNDLAND	B SC 4 HA 1314
BAUDOUIN PIERRE H ST EUSTACHE SUR LE LAC QUE	B C L 3
BAUM BERYL 5903 PARK AVE MONTREAL QUE	B SC 3 CA 8579

NAME ADDRESS	COURSE & YEAR TEL. NO.
BAUMAN JOHN DAVID DAWSON COLLEGE 12 UTOPIAN AVE SUFFERN N Y U S A	B ENG 1
BAUMBROUGH JOHN W MACDONALD COLLEGE R R 3 VERNON B C	B SC AGR 3
BAWDEN GEORGE EDWARD 3539 ST FAMILLE ST MONTREAL QUE TILLSONBURG ONT	B ENG CI 4 LA 5951
BAXTER DOROTHY M 2116 PRUD HOMME AVE N D G MONTREAL QUE	B SC 1 EL 5974
BAXTER MARGARET MACDONALD COLLEGE 27 PINE ST BROCKVILLE ONT	B SC H E 3
BAXTER ROBERT M 3508 UNIVERSITY ST MONTREAL QUE ELLERSLIE P E I	PH D 1 HA 4873
BAXTER WILLIAM J 5412 BANNANTYNE AVE VERDUN QUE	B D 3 TR 7707
BAY THEODOSIOS DAWSON COLLEGE 15 LAURIER AVE E APT 3 MONTREAL 14 QUE	B ENG CH 1
BAYLIFF ANTONY GABRIEL DOUGLAS HALL CHILANCON RANCH ALEXIS CREEK B C	B A 1
BAYLIS GREGORY F 550 CLAREMONT AVE WESTMOUNT QUE PARKSVILLE V I B C	B ENG EL 4 EL 4788
BAYLISS HENRY JAMES 55 EMPIRE AVE GREENFIELD PARK QUE	B ENG EL 4
BAYNE HAROLD G 3550 LORNE AVE MONTREAL QUE MAXWELL HILL CHRIST CHURCH BARBADOS	B A 3 BE 0468
BEAIRSTO JACK CHARLES 205 STRATHEARN AVE MONTREAL WEST QUE MALPEQUE P E I	B ENG CH 3 DE 6796
BEALL ELIZABETH JEAN 327 ROSLYN AVE WESTMOUNT QUE	B A 4 EL 1942
BEAN HIBBERT 5164 DECARIE BLVD APT 14A MTL QUE	D D S 1 DE 3858
BEARD BYRON ERNEST MACDONALD COLLEGE IRON HILL QUE	TCH ELEM 1
BEARD WILLIAM JAMES DAWSON COLLEGE 1615 26TH AVE N MINNEAPOLIS MINN U S A	B ENG MI 2
BEATTY JOYCE W 4951 CONNAUGHT AVE N D G MONTREAL QUE	M S W 3 DE 8319
BEAUBIEN MIRIAM FRANCES HOSP DES ENFANTS MALADE PARIS FRANCE 462 ST CATHERINE RD OUTREMONT QUE	MED DIPL 3
BEAUCHAMP MARCEL R 5875 DUROCHER AVE OUTREMONT QUE	B ENG MC 4 CR 9250

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BEAUCHEMIN CHARLES H G 2245 GOUIN BLVD WEST MONTREAL QUE	M A 2 BY 1300
BEAUDETTE RAPHAEL 2255 SHEPPARD AVE MONTREAL QUE	B C L 3 FR 8162
BEAUDOIN JACQUELINE 383 ST CATHERINE RD OUTREMONT QUE	B A 2 RO 6484
BEAULIEU LOUISE M MACDONALD COLLEGE 3805 STE FOY ROAD QUEBEC CITY QUE	HOMEMAKE 1
BEAUDOIN JEAN CLAUDE 1182 ST MATHIEU ST MONTREAL QUE 131 MARECHAL FOCH ST QUEBEC CITY QUE	B ENG CI 4 WI 7404
BEAUDOIN ROLAND O 4157 ST HUBERT ST MONTREAL QUE 2170 DESSAULLES ST ST HYACINTHE QUE	B ARCH 2 AM 0106
BEAULNE LAURETTE 1500 MOUNTAIN ST MTL 87 SYDNEY ST P O BOX 315 LACHUTE QUE	B A 3
BEAUMIER JOSEPH GUY 3407 ONTARIO AVE MONTREAL QUE 359 NOTRE DAME ST CAP DE LA MADELEINE QUE	B COM 3 MA 2549
BEAUMIER JOS LOUIS DAWSON COLLEGE 225 108TH ST SHAWINIGAN SUD 1 QUE	B ARCH 1
BEAUPRE LEOPOLD JOS 4660 PARK AVE 34 DESJARDINS ST LEVIS QUE	B ENG CI 3 CA 4371
BEAUPRIE DONALD 3937 BOTREL AVE MONTREAL 28 QUE	B SC 3 EL 9322
BEAUREGARD JOHN P 3478 WESTMORE AVE N D G MONTREAL 28 QUE	B ENG MC 4 EL 9528
BEAUSOLEIL THEO 343 ST CATHERINE RD OUTREMONT QUE	B C L 2 TA 1083
BEAUVAIS ALEXANDER O 7760 QUERBES AVE APT 8 MONTREAL QUE	B ENG EL 4 GR 5971
BECK CLIFTON MARTIN 1345 DECARIE BLVD APT 41 VILLE ST LAURENT QUE	B C L 2
BECK JOHANNES C 1837 DORCHESTER ST W MONTREAL QUE	M SC 1 WI 1502
BECK RAYMOND A 3431 DRUMMOND MONTREAL 343 ELM ST ARLINGTON N J U S A	PH D 1 PL 3616
BECKER HILLEL B 4992 LACOMBE AVE SNOWDON MONTREAL QUE	B A 3 AT 7469
BECKOW RUTH 3780 COTE ST CATHERINE R APT H MONTREAL QUE	GRAD QUA 1 AT 8263
BECKWITH BERYL A MACDONALD COLLEGE 11 ELGIN AVE SHERBROOKE QUE	TCH ELEM 1
BEDBROOKE ROBERT A 78 WOODLAND AVE BEAUREPAIRE QUE	B ARCH 4
BEECHER JOAN HELEN 4862 GROSVENOR AVE MONTREAL QUE	B A 2 WA 6575
BEESLEY JAMES FREDERICK 4820 ROSLYN RD MONTREAL QUE 2664 BLANSHARD ST VICTORIA B C	MD CM 1 AT 2498
BEESLEY JOSEPH RALPH PRESBYTERIAN COLLEGE GLEN FALLS N B	MD CM 3
BEESLY MARY GENEVIEVE ROYAL VICTORIA COLLEGE 220 ELGIN ST OTTAWA ONT	B SC 4
BEKEEI GEORGE 2119 ST URBAIN ST MONTREAL QUE	M SC 2 BE 0317
BELANGER JEAN L 1007 53RD AVENUE POINTE AUX TREMBLES QUE	B SC AGR 1
BELL DAVID MACPHERSON ROYAL VICTORIA HOSPITAL 830 ST CHARLES ST VICTORIA B C	MED DIPL 4 PL 1251
BELL DAVID RITCHIE 357 DE L EPEE AVE OUTREMONT QUE	B SC P E 1 CR 8040
BELL DOUGLAS ROY 2482 MAYFAIR STREET MONTREAL 28 QUE 136 ORANGE ST ST JOHN N B	B ENG ME 3
BELL GRAEME MACDONALD COLLEGE 4390 EARNSCLIFFE AVE N D G MONTREAL QUE	B SC AGR 3
BELL JOHN NAIRN DOUGLAS HALL 4763 WEST 2ND AVE VANCOUVER B C	MD CM 1
BELL MORTON 5391 DUROCHER AVE OUTREMONT QUE	B A 2 CA 3876
BELL SELWYN LOUIS DAWSON COLLEGE QUE C O WATER COMMISSION CROSS ROADS JAMAICA B W	B ENG EL 2
BELL WILLIAM JAMES DAWSON COLLEGE 121 DE SAULNIERS BLVD ST LAMBERT QUE	B ENG MC 2
BELLAMY ELIZABETH A ROYAL VICTORIA COLLEGE 58 SUSQUEHANNA AVE COOPERSTOWN N Y U S A	B SC 1
BELLAMY LOIS MARIE 5508 JEANNE D ARC ST ROSEMOUNT MONTREAL QUE	B A 1 TU 5387
BELLEAU FERNAND B 10142 PELOQUIN ST MONTREAL QUE	PH D 3 RU 0702
BELMONTE MIMI MADELEINE 418 PINE AVENUE WEST MONTREAL QUE	MD CM 2 HA 0315
BELO OSAGIE TIRAMIYU DOUGLAS HALL P O BOX 16 BENIN CITY NIGERIA WEST AFRICA	MD CM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BEMBRIDGE WILLIAM EDWAR 5654 SHERBROOKE ST W N D G MONTREAL QUE	B SC 4 EL 9326
BENCOSME SERGIO 5640 GATINEAU AVE APT 8 MONTREAL QUE 23 LUPERON CIUDAD TRUJIL DOMINICAN REPUBLIC	PH D 3 AT 2159
BENDER ANDREW F 7 SPRINGVALE PLACE OUTREMONT QUE	B ENG PH 2 CA 7255
BENDER JOSEPH 4927 DECARIE BLVD APT 5 MONTREAL QUE 622 LITTLECROFT RD UPPER DARBY PA U S A	MD CM 1 EL 6661
BENEDICT JOSEPH A DAWSON COLLEGE QUE 945 PINE ST SAN FRANCISCO CAL U S A	B SC 1
BENJAMIN HERBERT DAWSON COLLEGE QUE 5245 PONSARD AVE MONTREAL QUE	B ENG 1 WA 8833
BENJAMIN PETER 689 DOLLARD BLVD OUTREMONT QUE	B SC 3 CA 4163
BENN RONALD 3710 PARK AVE MONTREAL QUE 576 DOUGALL AVE WINDSOR ONT	B SC 3 BE 9764
BENNER CATHARINE M ROYAL VICTORIA COLLEGE BOX 536 AYLMER WEST ONT	B SC 4
BENNET ELIZABETH A 4479 OXFORD AVE MONTREAL QUE	B A 4 EL 1035
BENNETT ALBERT J 10204 JACOB AVE MONTREAL 12 QUE	B ENG CH 4 DU 1727
BENNETT AUGUSTINE B B 3855 NORTHCLIFFE AVE MONTREAL QUE 5 WOODYCREST AVE TORONTO 6 ONT	B ENG EL 3 WA 7908
BENNETT BERTRAM R W 3633 OXENDEN AVE MONTREAL QUE 1847 JANE ST WESTON ONT	B ARCH 3 LA 6896
BENETT CELIA DUNNFORD 4050 CAVENDISH AVE APT 35 MONTREAL QUE	B A 1
BENNETT CHARLES S WILSON HALL HEMPSTEAD L I N Y USA	B ENG MC 3
BENNETT JAMES STEWART 138 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	B ENG EL 4 AT 3162
BENNETT MARY P 4084 COTE DES NEIGES RD MONTREAL QUE	PHYSIOTH 1 FI 2677
BENNETT PATRICIA V ANN 155 WESTMINSTER AVE MONTREAL WEST QUE	B A 1 DE 8615
BENNETT RAYMOND MICHAEL 337 MELROSE AVE VERDUN QUE	B C L 2 YO 8751
BENNETT ROBERT M 330 DE L EPEE AVE OUTREMONT QUE 2 BRAEMAR ST MANOR PARK OTTAWA ONT	M ENG 1
BENNETT VICTOR ROBERT 3488 COTE DES NEIGES RD MONTREAL QUE	B COM 3 FI 5409
BENNETT WILLIAM C 226 34TH AVE LACHINE QUE	B ENG CH 3
BENNS JOHN WILLIAM MACDONALD COLLEGE 134 MCGILL ST TRENTON ONT	B SC AGR 2
BENOIT GUY F 6328 DE NORMANVILLE MONTREAL QUE	B COM 2 TA 6200
BENOIT YVON 5174 BERRI ST MONTREAL 34 QUE	B COM 1 DO 7244
BENSON ALTON H PRESBYTERIAN COLLEGE ARNOLDS COVE NFLD	B SC 3
BENTLEY KEITH MURRAY 35 EASTON AVE MONTREAL WEST QUE	B COM 1 DE 0654
BENUA POLLY ROYAL VICTORIA COLLEGE 247 N PARKVIEW AVE COLUMBUS 9 OHIO U S A	A & S CO 1
BERARD JACQUES LEO MACDONALD COLLEGE 780 WATERTOWN ST WEST NEWTON MASS U S A	B SC AGR 2
BERBRIER BORIS J 4680 JEANNE MANCE ST MONTREAL	B C L 2 HA 1587
BERCOVITCH Y MILDRED 3545 ST URBAIN ST APT 5 MONTREAL QUE	B SC 1 PL 8556
BERCUSSON LIBBY 7030 CHAMPAGNEUR AVE MONTREAL QUE	B A 1 CA 9073
BERGEN HAROLD FRANCIS 1489 MOUNTAIN ST MONTREAL 25 QUE	B COM 1 HA 4557
BERGER HYMAN 163 MT ROYAL E MONTREAL QUE	B SC P E 3 BE 7579
BERGERON JOSEPH C J MACDONALD COLLEGE MONTEE DES SOURCES STE GENEVIEVE DE PIERRE	PARTIAL
BERGERON MARC 1075 MOUNT ROYAL BLVD OUTREMONT QUE 25 DE BIENVILLE AVE QUEBEC CITY QUE	B ENG CI 4 TA 3962
BERGMAN HAROLD 737 ROCKLAND AVE OUTREMONT QUE	B SC 2 DO 5041
BERGSTROME BRANT ERIC 545 PINE AVE WEST MTL 1821 RUBY RD VICTORIA B C	MD CM 2 MA 1545
BERISH SEYMOUR 825 DOLLARD AVE OUTREMONT QUE	B SC 2 DO 8443
BERIYENA KEMMER MENIGHA 2027 CITY COUNCILLORS ST MONTREAL QUE 144 VICTORIA ST PORT HAR NIGERIA BR WEST AFRICA	B A 2 LA 7076
BERKE GERALD 5216 CLANRANALD AVE N D G MONTREAL QUE	B A 1 EL 2202

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BERKOVICH SUMNER 1541 ST MARK ST APT 2 MONTREAL QUE 24 WELLINGTON AVE HAVERHILL MASS U S A	B SC 2
BERLIN BENZION BERT 742A QUERBES AVE OUTREMONT QUE	B SC 2 CA 5241
BERMAN NORMAN 3400 RIDGEWOOD DRIVE APT 38 MONTREAL QUE	B ENG 1 AT 3467
BERNARD GERALD A 8[illegible]3 MARIE ANNE MONTREAL QUE GALILEE SASK	M ENG 1 FA 1244
BERNASCONI RENE MTL THEOLOGICAL DORM 107 PROSPECT STREET BARRE VERMONT U S A	B A 4
BERNFELD ALLAN 5235 COTE ST LUC ROAD APT 45 N D G MTL QUE	B A 2 EL 2479
BERNFELD ARTHUR AARON 5235 COTE ST LUC RD N D G MONTREAL 28 QUE	B A 1 EL 2479
BERNFELD EDWARD HENRY 5318 SNOWDON AVE APT 19 N D G MONTREAL QUE	B C L 2 WA 8894
BERNHARDT CHRISTINA G APT 3 3597 JEAN MANCE CORONATION ALBERTA	GR N CER 1 MA 5537
BERNIER RAYMOND MACDONALD COLLEGE CAP ST IGNACE CO MONTMAGNY QUE	B SC AGR 4
BERNSTEIN EVA 5000 CLANRANALD AVE MONTREAL QUE	B SC 4 EL 3288
BERNSTEIN HERSHEL DAWSON COLLEGE 742 MCEACARAN AVE OUTREMONT QUE	B SC 1
BERNSTEIN HYMAN 4453 ST URBAIN ST MONTREAL QUE	B SC 1 LA 6117.
BERNSTEIN JACK HAROLD 4818C PARK AVE MONTREAL QUE	B SC 4 CA 7711
BERNSTEIN MARIANNE 5000 CLANRANALD AVE APT 206 NDG MTL QUE	B A 2 EL 3288
BERNSTEIN RAPHAEL H 4004 GREY AVE N D G MONTREAL QUE	B A 2 DE 2848
BERNSTEIN SAUL 3260 RIDGEWOOD RD APT 11 MONTREAL QUE	M ENG 1 AT 0550
BERRY ALCIDE O 7249 BIRON AVE VILLE ST MICHEL QUE	B A 4 VI 6186
BERRY CHARLES H MACDONALD COLLEGE 619 MANOR ROAD ROCKCLIFFE PARK ONT	B SC AGR 3
BERRY MARJORIE E MACDONALD COLLEGE SOUTH MOUNTAIN ONT	B SC H E 1
BERRY ROLPH STAVELEY 2077 TUPPER ST MTL 137 CARTIER STREET OTTAWA ONTARIO ★	MD CM 2 FI 5914
BERTALANFFY FELIX D 4820 COTE ST CATHERINE R MONTREAL QUE	M SC 1 EX 6853
BERTRAND GARNET EUGENE 3393 BEAUBIEN ST E ROSEMOUNT MONTREAL	B SC P E 1 GR 4811
BERTRAND GUY 3690 PARK AVE MONTREAL QUE 11 FRASER ST LEVIS QUE	B ENG MC 3 LA 0546
BERTRAND JEAN 3740 ST HUBERT ST MONTREAL QUE	B A 3 BE 8258
BERWICK JUNE 30 ST THOMAS ST STE ANNE DE BELLEVUE QUE 46 SANDHILL OVAL LEEDS YORKS ENGLAND	B SC H E 2
BESHRO CAMIL PHILIP YMCA 1441 DRUMMOND ST MONTREAL QUE 146 ST FRANCOIS ST QUEBEC CITY QUE	B SC 4
BESNER JOAN 618 MURRAY HILL AVE WESTMOUNT QUE	B A 3 WE 1483
BESSERER JAMES COLIN 258 SHERBROOKE ST MONTREAL QUE 51 GENEVA ST OTTAWA ONT	B ENG MC 3
BESSETTE BEVERLEY A ROYAL VICTORIA COLLEGE 101 BATTLE ST W KAMLOOPS B C	B A 2
BESSITT GEORGE F 625 CARLETON AVE WESTMOUNT QUE	B A 1 EL 1833
BETHEL CECIL W M 284 LOCKHART AVE TOWN OF MOUNT ROYAL NASSAU N P BAHAMAS	B A 1 EX 4807
BETHUNE WILLIAM JOHN DAWSON COLLEGE QUE 282 SHERBROOKE ST W MONTREAL QUE	B ENG 1 PL 5321
BETTS ELAINE CECILE 230 LAZARD AVE MONTREAL 16 QUE	B SC 2 EX 1806
BETTS PAUL VAN VLIET 4800 COTE DES NEIGES RD MONTREAL QUE	B C L 2 AT 1565
BEUTEL AUSTIN CECIL DAWSON COLLEGE QUE 1555 LAJOIE AVE OUTREMONT QUE	B SC 1
BEVEN EDWIN GEORGE DAWSON COLLEGE CASILLA 67 D SANTIAGO CHILE	B SC 2
BEWICK JOHN BASIL DOUGLAS HALL WESTFIELD KINGS CO N B	MD CM 3
BEY AGNES MACDONALD COLLEGE 269 NOTRE DAME ST THETFORD MINES QUE	B SC H E 2
BEY GEORGE ABRAHAM DOUGLAS HALL 263 NOTRE DAME ST THETFORD MINES QUE	B SC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BIALIK HIMAN G 5429 DUROCHER AVE OUTREMONT QUE	M A 1 DO 0504
BIALIK RIVA 5429 DUROCHER AVE OUTREMONT QUE	B A 3 DO 0504
BIARD FLORENCE MARY H 273 QUINN BLVD LONGUEUIL QUE	B A 3
BICKERDIKE FRANK A 7589 DE L EPEE AVE MONTREAL QUE	B ENG MC 3 GR 1052
BICKFORD LINDSAY KIRK 383 PRINCE ALBERT AVE WESTMOUNT QUE	B ENG EL 4 EL 0365
BICKLE JUDITH RYRIE ROYAL VICTORIA COLLEGE 18 CLARENDON AVE TORONTO ONT	B A 3
BIEFER GREGORY JAMES 4508 ST CATHERINE ST W APT 1 MONTREAL QUE 1041 DUNRAVEN RD TOWN OF MOUNT ROYAL QUE	M SC 1 WI 9506
BIEGLER CYRIL I MACDONALD COLLEGE 1954 GARNET ST REGINA SASK	B ENG CI 4
BIELSKI CASIMIR M 2369 HOGAN ST MONTREAL QUE	B A 4
BIERBRIER HARRY 4337 DE BULLION ST MONTREAL QUE	B A 2 BE 9673
BIEWALD HAROLD 3581 UNIVERSITY ST MONTREAL QUE 6 ATLANTIC AVE OCEANSIDE N Y U S A	B SC P E 1 MA 3842
BIGELOW ROBERT S MACDONALD COLLEGE QUE	B SC AGR 4
BINA ELIZABETH 4925 MAPLEWOOD AVE MONTREAL 29 QUE	B A 2 EX 5302
BINDER ETTA BELLA ROYAL VICTORIA COLLEGE 75 PERTH ST BROCKVILLE ONT	B A 1
BINDMAN EDWARD 5356 CLARK ST MONTREAL QUE	B COM 4 TA 1123
BINKS WILLIAM GORDON F 5881 MONKLAND AVE MONTREAL QUE	B A 4 EL 5357
BINMORE LIONEL REX 266 LANSDOWNE AVE WESTMOUNT QUE	B ENG 1 FI 1723
BIRCH EDNA I 17 SEVERN AVE WESTMOUNT QUE	B SC 2 FI 1907
BIRCH ELIZABETH ANNE 17 SEVERN AVE WESTMOUNT QUE	B A 3 FI 1907
BIRCH JOAN MARY 150 CHESTER RD TOWN OF MOUNT ROYAL	B A 4 AT 4091
BIRCHARD EDNA LILLIAN 1504 MACKAY STREET MONTREAL QUE 61 GENEVA ST OTTAWA ONT	MD CM 2
BIRD MADELEINE LUCY 318 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 2871
BIRD THOMAS C 318 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	M A 2 AT 2871
BIRKETT BARBARA ANNE 4690 ROSLYN AVE MONTREAL QUE	B SC P E 3 EL 4810
BIRKETT RICHARD HARRIS 4690 ROSLYN AVE MONTREAL QUE	B COM 4 EL 4810
BIRKS WILLA K 1469 DRUMMOND ST APT 80 MONTREAL QUE	B A 2 MA 1828
BIRENBAUM MORRIS 387 EDWARD CHARLES APT 1 MONTREAL 8 QUE	B COM 1 CA 4164
BIRNBAUM ROSALIND 4925 VAN HORNE AVE MONTREAL QUE	B A 1 EX 5320
BIRNBOM MARVIN 5399 GROVEHILL PLACE MONTREAL QUE	B SC 2 DE 7877
BIRO LOUIS 3617 LORNE CRESCENT MONTREAL QUE 3457 WEST 2ND AVE VANCOUVER B C	MD CM 2 LA 8013
BISAILLON GILLES H 849 HARTLAND OUTREMONT QUE	B COM 1 AT 4581
BISHOP ALLAN TRENHOLME DAWSON COLLEGE QUE 785 UPPER BELMONT AVE WESTMOUNT QUE	B ENG 1 EL 3311
BISHOP DONALD C MACDONALD COLLEGE BERWICK KINGS CO N S	B SC AGR 4
BISHOP HARDING ERNEST BOX 136 STE ANNE DE BELLEVUE QUE	B SC 3
BISHOP JOHN LEIGH 42 BELVEDERE RD WESTMOUNT QUE	B A 4 FI 7504
BISHOP PATRICIA J MACDONALD COLLEGE BISHOPTON QUE	TCH ELEM 1
BISHOP ROBERT CECIL 3506 UNIVERSITY ST MTL 1129 15TH AVE REGINA SASK	B SC P E 4
BISHOP SUSANNAH JANE L ROYAL VICTORIA COLLEGE 1 EDMUND GATE TORONTO ONT	B A 4
BISHOP THOMAS J H 1545 MCGREGOR ST MONTREAL QUE 72 COURTFIELD GDNS LONDON ENGLAND	M A 1 WI 4611
BISHOP WILLIAM LLOYD 4838 SHERBROOKE ST W MONTREAL QUE 71 HOSPITAL ST SYDNEY N S	B SC 4 DE 0255
BISHOPRIC EDYTHE N A ROYAL VICTORIA COLLEGE CHATEAU ST LOUIS QUEBEC CITY QUE	B A 3
BISSETT DARYL M PETERSON RESIDENCE LACHINE QUE	B ENG MC 3

DIRECTORY OF STUDENTS

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BISSON JAMES G 1455 DRUMMONDST APT 516 MONTREAL QUE 39 AYLMER ROAD HULL QUE	B ENG CI 3
BISSONNETTE ALBERT L 5567 UPPER LACHINE RD MONTREAL QUE	B C L 3
BISSONNETTE GILLES A 1471 DORCHESTER ST W MONTREAL QUE 584 ST PATRICK ST OTTAWA ONT	B ENG EL 4 FI 1727
BISTRISKY MAY MACDONALD COLLEGE 5215 WAVERLY ST MONTREAL QUE	TCH ELEM 1
BJARNASON ARLAN EMMET 329 KELLY ST W MONTREAL QUE	MD CM 1
BJORDAMMEN RUTH L ROYAL VICTORIA COLLEGE 893 6TH AVE N W MOOSE JAW SASK	B SC 1
BLACK ALLAN CAMPBELL 1592 PINE AVE W MONTREAL QUE	B A 1 FI 5857
BLACK BARRI B 4328 SHERBROOKE ST W WESTMOUNT QUE	B A 1 WE 4005
BLACK DUNCAN RHODERICK 1075 GOHIER AVE VILLE ST LAURENT QUE	B ENG CI 4 BY 5330
BLACK ERNEST D MACDONALD COLLEGE 825 3RD STREET ARVIDA QUE	B SC AGR 2
BLACK JOHN MC 1012 OSBORNE AVE VERDUN QUE	B COM 1 TR 3481
BLACK LENNOX K 4041 GAGE ROAD MONTREAL QUE	B COM 2 FI 2051
BLACK PERRY 5369 ESPLANADE AVE MONTREAL 14 QUE	B SC 3 CR 4468
BLACK PHILIP THOMAS 597 VICTORIA AVE WESTMOUNT QUE	PH D 2 WA 1813
BLACK WILFORD GORDON 3561 HUTCHISON ST MONTREAL QUE 5 OPEONGO ROAD OTTAWA ONT	B ENG EL 4 LA 0569
BLACK WILLIAM F 49 BRUCE AVE WESTMOUNT QUE 97 SHERBURN ST WINNIPEG MAN	GRAD QUA 1 FI 9702
BLACKMORE W RUSSELL 6575 MAZARIN ST MONTREAL QUE	M SC 2 TR 4337
BLACKWOOD DAVID Y 3473 UNIVERSITY ST MONTREAL QUE 35 RAGLAN AVE TORONTO ONT	PARTIAL MA 4902
BLADES HERBERT 1643 LINCOLN AVE APT 3 MONTREAL QUE MILTON ONT	PH D 3 WE 2011
BLAHEY PETER RAYMOND MTL GENERAL HOSPITAL 16 6490 MONKLAND AVE N D G QUE	MED DIPL 4 PL 7751
BLAIR DAVID CROW DOUGLAS HALL 1215 WEST 32ND AVE VANCOUVER B C	MD CM 2
BLAIR GLENN ALBERT 3681 ST FAMILLE ST 909 WILLIAM AVE WINNIPEG MAN	B ENG CH 3 HA 6057
BLAIS CLAUDE JEAN DAWSON COLLEGE 1065 GODIN AVE VERDUN QUE	B ENG EL 2 TR 2313
BLAKE DONALD A W 3541 SHUTER ST MONTREAL QUE 55 LEELY ST SAINT JOHN N B	PH D 3 MA 9504
BLAKENEY ARTHUR J PETERSON RESD BOX 247 WINDSOR ONT	PH D 2
BLANCHARD ARTHUR S BEDFORD HALIFAX CO NOVA SCOTIA	B ARCH 1
BLANCHARD JOHN BOWERS 3434 MCTAVISH ST MONTREAL QUE NASHUA N H U S A	B A 4
BLANDER ETHEL VERA 5875 ESPLANADE MONTREAL QUE	B SC 2 VI 6298
BLANDFORD JOHN 50 GOLF AVE POINTE CLAIRE QUE	B COM 2
BLANK HARRY 5358 HUTCHISON ST OUTREMONT QUE	B C L 3 CA 1427
BLATT MARGOT K 6233 DE VIMY AVE MONTREAL QUE	B F A 1 EX 5578
BLAUER HASKELL 5214 MOUNTAIN SIGHTS AVE MONTREAL QUE	B COM 2 EL 7654
BLEAU JOHN J PRESBYTERIAN COLLEGE 490 ST CYRILLE ST QUEBEC QUE	B ENG MC 4
BLENKHORN HAROLD D MACDONALD COLLEGE ATHOL CUMB COUNTY N S	B SC AGR 4
BLESS STEVE 3630 ST FAMILLE ST MONTREAL QUE	B C L 1 LA 6313
BLIGH GERALD CHARLES 5048 N D G AVE MONTREAL QUE	DDS 1 EL 6616
BLIGHT SHIRLEY MAE 3449 PEEL ST MTL QUE OAKVILLE MANITOBA	GR N CER 1 BE 0908
BLISHEN BERNARD R 3508A PARK AVE APT 201 MONTREAL QUE	M A 1
BLISS FREDERIC MARKS 1832 SHERBROOKE ST W MONTREAL QUE	D D S 2 FI 1666
BLOCK MIRIAM 4540 DRAPER AVE N D G MONTREAL QUE	B A 4 WA 8392
BLOND JULES 3025 SHERBROOKE ST W APT 14 MONTREAL QUE	B A 2 WI 0341

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BLOOD ELEANOR MARGARET ROYAL VICTORIA COLLEGE 15 OAK RIDGE RD READING MASS U S A	B A 2
BLOOM ANNE 661 QUERBES AVE APT 4 OUTREMONT QUE	B A 4 CR 8056
BLOOM BERNICE 3933 ST URBAIN ST MONTREAL QUE	B SC 2 BE 3691
BLOOM JACOB NELSON 5501 DUROCHER AVE OUTREMONT QUE	M SC 1 CR 6185
BLOOM JULES 3910 MAPLEWOOD AVE MONTREAL QUE 405 E 94TH ST BKLYN N Y U S A	M A 1
BLOOM LOUIS 3998 CITY HALL AVE MONTREAL QUE	B ENG EL 4 PL 4593
BLOOM MYER 3933 ST URBAIN ST MONTREAL QUE	M SC 1 BE 3691
BLOOMFIELD GEORGE NORMA 5611 BEAMINSTER PLACE MONTREAL QUE	B A 2 AT 7773
BLOOMFIELD HAROLD 5611 BEAMINSTER PL MONTREAL QUE	B A 3 AT 7773
BLOOMFIELD MORRIS 6037 WILDERTON AVE MONTREAL QUE	B ENG CH 2 AT 9064
BLOOMSTONE FRANK A 4277 ST URBAIN ST APT 2 MONTREAL QUE	B A 2 HA 3489
BLOSTEIN MAIER LIONEL DAWSON COLLEGE QUE 737 HARTLAND AVE OUTREMONT QUE	B SC 1 AT 8071
BLOUIN ANTHONY WILFRID 481 PRINCE ARTHUR ST W MONTREAL QUE 337 ELGIN STREET OTTAWA ONT	B A 4 LA 9489
BLOOMSTONE BERNARD 117 VILLENEUVE ST W MONTREAL QUE	B A 1 DO 5677
BLOUIN MARCEL 5318 MONKLAND AVE MONTREAL QUE	B SC 1 DE 7937
BLUMENFELD ELEANOR 4878 HUTCHISON ST MONTREAL QUE	B A 3 CA 6451
BLUMER DORIS LORRAINE 4139 DECARIE BLVD APT 4 MONTREAL QUE	B A 3 WA 6124
BLUMER FARLA H 650 MURRAY HILL AVE WESTMOUNT QUE	B A 4 EL 7082
BLUMER HERBERT MARTIN 5053 PONSARD AVE N D G MONTREAL QUE	B SC 2 WA 5538
BLUMSTEIN JUDY MACDONALD COLLEGE 3225 LINTON BLVD MONTREAL QUE	TCH ELEM 1
BLUTEAU LEO M 1474 DAVIDSON ST MONTREAL QUE	B ENG MC 4
BOA JOHN ANDREW 4984 VICTORIA AVE MONTREAL QUE	B ENG MC 4 EX 1800
BOAST GEORGINA L MACDONALD COLLEGE KAPUSKASING ONT	B SC H E 4
BOBART RUPERT G R 3642 LORNE CRESCENT ST MONTREAL QUE 47 ST JAMES ST SAN FERNANDO TRIN BWI	B A 3 MA 7991
BOBYK PHYLLIS MARY ROYAL VICTORIA COLLEGE BOX 255 CANMORE ALTA	B SC P E 4
BODMER HENRY CARL N DOUGLAS HALL 105 ZOLLIKEWTR STR ZURICH SWITZERLAND	B A 1
BODTKER JACK B DOUGLAS HALL BAIE COMEAU QUE	B ENG MC 4
BOGOROCH RITA 2065 MAPLEWOOD AVE MONTREAL QUE	M SC 2 AT 4220
BOGUE BRIAN PATRICK DAWSON COLLEGE CAIXA POSTAL 872 RIO DE JANEIRO BRAZIL	B ARCH 1
BOGUE MARY 3606 MARLOWE AVE N D G MONTREAL QUE	B A 3 EL 1617
BOHAN PATRICIA GRACE 76 HILLCREST AVE MONT WEST QUE 9 BOXFORD TERRACE BOSTON 32 MASS U S A	MD CM 3 AT 3405
BOHNE ELEANOR L ROYAL VICTORIA COLLEGE 296 RIVERSIDE DRIVE TORONTO ONT	M A 1
BOIRE ROGER EDMOND 441 STUART AVE OUTREMONT QUE	B COM 1
BOISVERT CHARLES DAWSON COLLEGE 52 MOORE ST SHERBROOKE QUE	B ENG EL 2
BOISVERT GEORGE WM DAWSON COLLEGE 1490 CRAWFORD BRIDGE AVE VERDUN QUE	B ENG CH 1
BOISVERT J ROCK 3489 DELORIMIER AVE MONTREAL QUE 72 4TH STREET SHAWINIGAN FALLS QUE	B ENG CI 3 CH 2281
BOISVERT RONALD O 1870A ROSEMOUNT BLVD MONTREAL QUE 26 ST PATRICK ST MONTREAL QUE	B COM 1 GR 2930
BOKOVAY WILLIAM MACDONALD COLLEGE GATINEAU QUE	B SC AGR 2
BOLAND SHEILA PATRICIA 426 LANSDOWNE AVE WESTMOUNT QUE	B A 3 DE 6807
BOLDUC PAUL E C DAWSON COLLEGE QUE 159 GIGAIRE ST SHAWINIGAN FALLS QUE	B ARCH 1
BOLLEN RONALD FRANCIS DAWSON COLLEGE 344 BROADWAY AVE MONTREAL EAST QUE	B ENG CH 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BOLLINGER FRANCOIS JEAN DAWSON COLLEGE QUE 1205 ST MARK ST MONTREAL QUE	B ENG 1 WI 9914
BONNEY RUBIN 3445 PEEL ST MONTREAL QUE	B ENG EL 3 HA 9462
BOLOTEN MARTIN 5362 ESPLANADE AVE MONTREAL QUE	M SC 1 VI 2747
BOLTON CAROLINE LEONORA 3555 UNIVERSITY ST MTL 249 COLLEGE ST ST JAMES MAN	B N 2 BE 0310
BOLTON MICHAEL R H DAWSON COLLEGE QUE ST ANN S COURT GARRISON BARBADOS B W I	B ENG 1
BIOD ALLAN JR 3514 HUTCHISON ST MONTREAL QUE 1 EAST END N Y 21 N Y U S A	B A 2 PL 7437
BOND BARBARA K 4224 ROYAL AVE N D G MONTREAL QUE	B A 1 DE 7382
BOND ROY WILLIAM 753 UPPER LANSDOWNE AVE WESTMOUNT QUE	B A 1 EL 1490
BONE MICHAEL M 1210 PINE AVE W MONTREAL QUE 61 ROY STREET LA TUQUE QUE	B COM 2
BONNEVILLE JACQUES M MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	B ENG MC 4
BONNEVILLE JOYCE M 127 VALOIS AVE VALOIS QUE	B SC 3
BOOKBINDER IRVING ELIAS 2638 SOISSONS AVE MONTREAL QUE	B COM 2 EX 5757
BOOKER JOHN ROBERT M&CDONALD COLLEGE NORTH CARLETON WARD FREDERICTON N B	B SC AGR 3
BOOTH BARBARA ADA 7350 MOUNT AVE MONTREAL 16 QUE	PHYSIOTH 2 AT 2009
BOOTH EDWARD JOHN R MACDONALD COLLEGE 3 ISLAND VIEW BLVD MIMICO TORONTO 14 ONT	B SC AGR 3
BOOTH FRED WILLIAM 4523 KENSINGTON AVE MONTREAL QUE	B COM 1 EL 4998
BOOTH KENNETH CHARLES DAWSON COLLEGE 4739 GROSVENOR AVE N D G MONTREAL QUE	B ENG 1
BOOTH SAMUEL 40 WESTMINSTER AVE MONTREAL WEST QUE	B ENG EL 3 WA 4040
BOOTH WILLIAM TRIPPE 3561 PEEL ST APT 8 MONTREAL QUE	B A 4 MA 0674
BOOTHMAN RONALD R DOUGLAS HALL 7911 FRANKLIN BLVD CLEVELAND 2 OHIO	B A 3
BOOY RICHARD A 3558 STE FAMILLE ST MONTREAL QUE TEMISKAMING QUE	B ENG CH 4
BORDAN JACK 635 BLOOMFIELD &VE OUTREMONT QUE	B ENG PH 4 DO 8796
BORDAN HANOCH Y M C A DRUMMOND ST MONTREAL QUE 1272 TELLER AVE BRONX 56 N Y U S A	B SC 4
BORDAN SYLVIA 635 BLOOMFIELD AVE OUTREMONT QUE	PHYSIOTH 3 DO 8796
BORDEN BYRON CHARLES DAWSON COLLEGE 146 BALFOUR AVE TOWN OF MOUNT ROYAL QUE	B ENG 1
BORIGHT HENRY ANGUS 628 BELMONT AVE WESTMOUNT QUE	B SC 3
BORISENKO ANNE FLORENCE 5255 COTE ST LUC ROAD MONTREAL QUE PENTICTON B C	B A 4 WA 3390
BORSMAN CHARLES HUBERT ROYAL VICTORIA HOSPITAL 8548 CHAMPAGNEUR ST MONTREAL QUE	MED DIPL 1 PL 1251
BORTNOWSKI ANDREW J 3520 DUROCHER ST MONTREAL QUE	B COM 3 BE 8143
BORTS ROBERT B 1565 VAN HORNE AVE OUTREMONT QUE	PH D 2 CA 0964
BORUSIEWICH GEORGE DAWSON COLLEGE 1424 CLARKE ST MONTREAL QUE	B ENG 1
BOSADA LILLIAN JOAN ROYAL VICTORIA COLLEGE 53 NORANDA ST W BOX 147 ROUYN QUE	B A 2
BOSISIO RENATO 9590 DU BUISSON ST MONTREAL QUE	B SC 3
BOSNITCH SAVA 3537 UNIVERSITY ST MONTREAL QUE	M A 1 MA 1736
BOSQUES GILBERTO DAWSON COLLEGE 23 RUA DO QUELHAS LISBON PORTUGAL	B ENG 1
BOSSY GEORGE 10832 ESPLANADE AVE MONTREAL QUE	B COM 2 VE 2736
BOSWELL WILLIAM C 474 GROSVENOR AVE WESTMOUNT QUE	B A 4 EL 8481
BOTERO ALFONSO DAWSON COLLEGE ST JOHNS QUE AVEN 8A N 15 2 CALI COLOMBIA	B ENG 1
BOTERO ANTONIO JOSE 2047 UNION AVE MONTREAL QUE APTDO AEREO 25 CALI COLOMBIA S A	B COM 1
BOUCHARD ROBERT D 2047 UNION AVE MONTREAL QUE HUNTINGDON QUE	B COM 4 PL 0646
BOUCHER GASTON J E DAWSON COLLEGE QUE 7349 LA SALLE BLVD VERDUN QUE	B ENG MC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BOUCHER JEAN LAPRAIRIE QUE	B C L 3
BOUCHER LOUISE 3543 JEANNE MANCE ST MONTREAL QUE	B C L 3
BOUDREAU MARIE B 45 JEAN TALON ST MONTREAL QUE 70 MILTON STREET SYDNEY N S	B S W 1 TA 7883
BOUILLON JOSEPH G PETERSON RESIDENCE 1400 FELL ST SAN FRANCISCO CAL USA	B ENG MC 3
BOULAIS GUY DAWSON COLLEGE QUE 4570 CLAMBORD MONTREAL QUE	B ENG 1
BOULAY JACQUES LOUIS 324 BERWICK AVE TOWN OF MOUNT ROYAL QUE 26 JOHNSON ST COATICOOK QUE	PARTIAL EX 6671
BOULANGER JEAN B HOSPITAL NOTRE DAME MONTREAL 10018 102A AVE EDMONTON ALBERTA	M A 2 CH 1151
BOULDING JOSEPH EUGENE PETERSON RESIDENCES 901 FAIRVIEW RD PENTICTON B C	MD CM 1
BOURASSA FERNAND 1441 DRUMMOND ST MONTREAL QUE 1836 NOTRE DAME ST THREE RIVERS QUE	B ENG CI 3 MA 4171
BOURBONNIERE JOSEPH A 3615 DUROCHER ST MONTREAL QUE	B COM 4 BE 6977
BOURDON ROBERT LLOYD 85 HILLCREST AVE MONTREAL WEST QUE	B SC P E 1 DE 1692
BOURGET EDWARD RICHARD 548 PRINCE ARTHUR ST MONTREAL QUE CAPE COVE GASPE QUE	MD CM 2
BOURKE BRIAN R 5 FENWICK AVE MONTREAL WEST QUE BOX 492 ANTIGONISH N S	B ENG CI 3 DE 8351
BOURKE RICHARD DAVID 774 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ARCH 1 EL 2343
BOURQUE HOWARD J 1454 MOUNTAIN ST APT 8 MONTREAL QUE	B COM 2 PL 3840
BOURQUE JEAN MARCEL 2044 METCALFE ST MONTREAL QUE 5 BOURQUE ST SHERBROOKE QUE	B ENG CI 3 LA 0471
BOURQUE JOSEPH JEAN P 5025 BOYER ST MONTREAL	B C L 1 BE 2934
BOUTSICARIS SOTIRIOS 2035 GREY AVE WESTMOUNT QUE 11 BUADE ST QUEBEC CITY QUE	PH D 1 DE 9935
BOVEY IAN HUGH D 25 BELLEVUE AVE WESTMOUNT QUE	B A 1 WE 2557
BOWEN THOMAS ROBERT 4880 QUEEN MARY ROAD MONTREAL QUE	B SC 4 AT 1046
BOWER ROBERT RUSSELL WILSON HALL 157 JAMES STREET OTTAWA ONT	MD CM 2
BOWIE ALBERT STEWART 6530 15TH AVE ROSEMOUNT QUE 44 WILLARD AVE OTTAWA ONT	B ENG EL 3
BOWLAND FREDERICK H C MACDONALD COLLEGE CARLETON PLACE R R 1 ONT	B SC AGR 1
BOWN ELIZABETH JANE 3 PARKSIDE PLACE MONTREAL QUE	B SC P E 1 WE 2629
BOWMAN QUENTIN ROY DAWSON COLLEGE 549 MILDRED ST PRESTON ONT	B ENG ME 2
BOX MARY CAROLYN ROYAL VICTORIA COLLEGE 40 RUSSELL HILL RD TORONTO ONT	B A 2
BOXALL ERNEST ALFRED MTL GENERAL HOSPITAL C D NO 30 1507 WEST 12TH AVE VANCOUVER B C	MED DIPL 3
BOYANER DON 3621 LORNE CRESCENE MTL 25 ORANGE STREET SAINT JOHN N B	MD CM 3 LA 8013
BOYARSKY ALVIN S 4359 ST URBAIN ST MONTREAL QUE	B ARCH 4 BE 6548
BOYCE DANIEL S MACDONALD COLLEGE HUNTINGDON QUE	B SC AGR 3
BOYCE DAVID MACDONALD COLLEGE SUMMERHOME HASTINGS BARBADOS B W I	B SC AGR 3
BOYCE DOROTHY C MACDONALD COLLEGE STRATHCLYDE ST MICHAEL BARBADOS B W I	B SC H E 1
BOYLE KATHLEEN E BOX 86 HUNTINGDON QUE	B SC AGR 2
BOYD CAMILLA K ROYAL VICTORIA COLLEGE 55 WEST MAIN RD PORTSMOUTH R I U S A	B A 1
BOYD GEORGE DONALD M 143 KING ST ASBESTOS QUE	B COM 3
BOYD JOHN ROBERT 4746 W 2ND AVE VANCOUVER B C	MD CM 4
BOYD WILLIAM N 249 LAZARD AVE TOWN OF MOUNT ROYAL QUE	M SC 1 AT 6378
BOYLE WILLARD STERLING 3280 RIDGEWOOD RD MONTREAL QUE	PH D 3 AT 1776
BOZICH MIRO JOHN DAWSON COLLEGE BOX 246 DUPARQUET QUE	B ENG MI 2
BRAATEN CHESTER ROLAND DOUGLAS HALL MELFORT SASK	D D S 4
BRABANT GEORGE ALFRED 3472 VAN HORNE AVE OUTREMONT MTL QUE	D D S 2 EX 6276

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BRACHT EDWIN H DAWSON COLLEGE CARRERA 32NO 16 A 41 PASTO COLOMBIA S A	B ENG 1
BRADBURY JOHN S 446 CLAREMONT AVE WESTMOUNT QUE BRADDAN NEW BROOK RD OVER HULTON LANCS ENG	M ENG 2 WA 3437
BRADEEN CHARLES S 473 CLARKE AVE WESTMOUNT QUE	B A 2 WI 8090
BRADFIELD THOMAS S DAWSON COLLEGE 222 FOREST HILL ROAD TORONTO ONT	B ENG CI 2
BRADFORD G ERIC MACDONALD COLLEGE FOSTER QUE	B SC AGR 3
BRADLEY CAROLYN JILL 2 RIVERMEADE AVE STE ANNE DE BELLEVUE 5637 TERREBONNE AVE MONTREAL QUE	B SC AGR 1 DE 2842
BRADLEY EILEEN AGNES 1260 MACKAY ST APT 8 MONTREAL QUE HAWTHORN AVE CHARLOTTETOWN P E I	B SC 3 WI 0475
BRADSHAW MARY E ROYAL VICTORIA COLLEGE 165 FOURTH AVE GRAND MERE QUE	B A 2
BRADY ARCHIBALD J W DAWSON COLLEGE 138 SALABERRY BLVD CHATEAUGUAY BASIN QUE	B ENG 1
BRADY SUE BIRNIE ROYAL VICTORIA COLLEGE PORTSMOUTH PRIORY SCHOOL PORTSMOUTH R I U S A	B A 1
BRADY THOMAS P 2838A HOLT ST MONTREAL QUE	B SC 4 FA 7859
BRAGANCA BEATRIZ ROYAL VICTORIA COLLEGE CHANDOR GOA INDIA	PH D 2
BRAGOLI ALFRED JAMES 2407 UNION AVE MTL 530 KNOX STREET RUMFORD MAINE	MD CM 1
BRAINERD LEWIS T 351 CLARKE ST WESTMOUNT QUE BEEBE QUE	B ENG MC 4
BRIANT PETER C PETERSON RESIDENCE 239 MORRISON STREET NIAGARA FALLS ONT	B COM 3
BRAIS HELENE 21 ROSKILDE AVE OUTREMONT QUE	B A 3 CA 5195
BRAITHWAITE ROBERT T DAWSON COLLEGE 1673 DES FORGES BLVD THREE RIVERS QUE	B ENG 1
BRAKE JOHN JURY 4603 HAMPTON AVE MTL BOX 203 RICHMOND QUE	D D S 4 EL 8984
BRAND RONALD G 3434 MCTAVISH STREET MONTREAL QUE ALVINSTON ONT	B ARCH 4 PL 4492
BRANDT REGINALD ROY 801 CREVIER ST ST LAURENT QUE	B SC 3 BY 3815
BRANNEN WILLIAM A DAWSON COLLEGE ST JOHNS QUE 321 DUKE ST WEST SAINT JOHN N B	B ENG 1
BRANZ ETHEL RHODA 3480 ONTARIO AVE MONTREAL 94 AMES ST LAWRENCE MASS U S A	B L S 1
BRAVERMAN IMMANUEL B 5215 JEANNE MANCE ST MONTREAL QUE	B ENG AM 2 TA 0755
BRAY JAMES 7539 DUROCHER AVE PARK WXTENSION MTL	B SC 4 TA 0432
BRAY JOSEPH J DAWSON COLLEGE 1646 GARNET ST REGINA SASK	B ENG 1
BRAYNE JOHN ROBERT 3 ST JOSEPH ST ST ANNE DE BELLEVUE QUE	B ENG CI 4
BRAYNE WILLIAM F 3 ST JOSEPH STREET STE ANNE DE BELLEVUE QUE	B ENG EL 3
BRAZEAU JACQUES J E 3548 MOUNTAIN ST MONTREAL QUE 4627 FABRE ST MONTREAL QUE	M A 1 BE 0810
BRAZIER REGINALD THOMAS 3550 SWAIL AVE MONTREAL QUE	B A 3 AT 2069
BRECKON SYDNEY W 3460 ST ZOTIQUE E MONTREAL QUE	PH D 4 VI 0630
BREITENBUCHER HOWARD E 1301 ST VIATEUR OUTREMONT QUE 112 EAST CROWDER RD TRENTON MO U S A	M A 2 DO 1471
BREITMAN LEO 825 DOLLARD AVE OUTREMONT QUE	PH D 3 DO 8443
BRENCHLEY DIANE E 157 BALLANTYNE AVE N MONTREAL WEST QUE	B COM 2 WA 6584
BRENCHLEY JANE ISABEL 157 BALLANTYNE AVE N MONTREAL WEST QUE	B SC 3 WA 6584
BRENCHLEY JOHN A 157 BALLANTYNE AVE N MONTREAL WEST QUE	B ENG MC 3 WA 6584
BRENNAN EDWARD H Y M C A DRUMMOND ST MONTREAL QUE 12030 101 ST EDMONTON ALTA	B ENG MC 4
BRENNAN ROBERT LYLE PETERSON RESIDENCE 172 ELM STREET OTTAWA ONTARIO	MD CM 4
BRENNER PAUL 4000 HARVARD AVE N D G MONTREAL QUE	B COM 2 WA 9622
BRESLIN DONALD JOSEPH 3745 HUTCHISON ST APT 3 MONTREAL QUE 24 GLEN CEDAR RD TORONTO ONT	B SC 4 MA 4939

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BRESSLER RUBIN 1273 WEBSTER AVE BY 56 N Y U S A	B SC 3
BRETTSCHNEIDER MURRAY DAWSON COLLEGE 951 PRATT AVE OUTREMONT QUE	B ENG CI 2 AT 1428
BREUL FRANK R 3609 HUTCHISON ST MONTREAL QUE RFD NO 1 SHELTON CONN U S A	PH D 4 MA 3802
BREW GERTRUDE K 3609 HUTCHISON ST MONTREAL QUE RFD NO 1 SHELTON CONN U S A	M A 2 MA 3802
BRIARD EVERETT JAMES DOUGLAS HALL NEW CARLISLE EAST BONEVENTURE CO QUE	B A 3
BRICKMAN JOSEPH DAWSON COLLEGE QUE 5 WESTFIELD RD MILL HILL LONDON ENGLAND	B SC 1
BRIDSON JEAN SHIRLEY 1605 DUCHARME OUTREMONT QUE	B SC 1 CA 7026
BRIGGS EDWIN MANSFIELD 590 LANSDOWNE AVE WESTMOUNT QUE	B COM 3 EL 2583
BRIGGS ROBERT FRANCIS 3740 JEANNE MANCE MONTREAL QUE 38 FITCH ST WELLAND ONT	B A 2 LA 4764
BRIGGS WILLIAM PENN PETERSON RESIDENCE 25TH AVE LACHINE QUE 216 MAIN STREET FAIRHAVEN MASS USA	B ARCH 3
BRIGHAM WILLIAM GEORGE 3506 UNIVERSITY ST MONTREAL QUE OTTAWA ONT	B COM 2
BRIGHT DONALD ARTHUR 10885 COBOURG AVE MONTREAL QUE	B ENG EL 4 VE 0503
BRINDLE GEORGE FREDERICK 3123 MACKAY STREET MACKAYVILLE QUE	MD CM 2
BRISBANE IAN W G 4095 OXFORD AVE MONTREAL QUE	B SC 3 DE 9832
BRISSON JACQUES 2023 JEANNE MANCE ST MONTREAL QUE FORTIERVILLE LOTBINIERE QUE	B ENG CI 4 HA 7653
BRISSON MAURICE J 3567 HUTCHISON ST MONTREAL QUE	B ENG MC 4 HA 1314
BRITTEN STANLEY ERNEST 12 DOBIE AVE TOWN OF MOUNT ROYAL QUE 1166 W 6TH AVE VANCOUVER B C	MD CM 3
BROADBENT ARNOT WILLIAM 609 SUN LIFE BLDG MONTREAL QUE 350 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	M COM 2 LA 4104
BROADBENT CLIFFORD IAN 321 MAPLE AVE ST LAMBERT QUE	B ENG CI 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
BROCK MILDRED E L 5051 CLANRANALD AVE MONTREAL QUE	B SC 4 WA 8782
BROCHOCKI STANISLAW F DAWSON COLLEGE ABERCORN QUE	B ENG 1
BROD JAMES JUSTIN DOUGLAS HALL 33 PINTARD AVE NEW ROCHELLE N Y U S A	MD CM 3
BROCHU FRANK L 224 TRENTON AVE TOWN OF MOUNT ROYAL QUE	M SC 1 AT 3864
RODEUR ALPHONSE W H 1 FINCHLEY RD MONTREAL QUE	2 DE 2993
BRODEUR MICHAEL TONER H 1 FINCHLEY RD MONTREAL QUE	B A 2 DE 2993
BRODEUR RAYMOND M 3518 ONTARIO AVE MONTREAL QUE	B A 1 PL 4972
BRODIE CARRIE LOUISE 1122 LAIRD BLVD APT 2 TOWN OF MOUNT ROYAL QUE	B SC P E 4 AT 3315
BRODIE HUGH RUSSELL 566 ROSLYN AVE WESTMOUNT QUE	MD CM 3 EL 1266
BRODIE IRWIN S 716 DE L EPEE AVE OUTREMONT QUE	B A 4 CR 8012
BRODKIN ELLIOT 590 MCEACHRAN AVE OUTREMONT QUE	PARTIAL TA 4717
BRONFMAN CHARLES ROSNER 15 BELVEDERE RD WESTMOUNT QUE	B A 2 FI 3579
BRONFMAN EDGAR MILES 15 BELVEDERE RD WESTMOUNT QUE	B A 3 FI 3579
BRONSTEIN ARTHUR IRVING 3518 PRUD HOMME AVE N D G MONTREAL QUE	B A 4 EL 8990
BROOK BETTY BAGSHAW ROYAL VICTORIA COLLEGE BOX 316 SIMCOE ONT	B A 4
ROOKS ALAN FRANCIS 25 FINCHLEY RD MONTREAL 29 QUE	4 EL 6826
BROOKS MARY E MACDONALD COLLEGE 72 PROSPECT ST MONTREAL QUE	TCH ELEM 1
BROOKS STANLEY E H MANDEVILLE JAMAICA B W I	B SC 4
BROOKS VIVIAN EARL H 3419 DRUMMOND ST MTL MANDEVILLE JAMAICA B W I	B SC 4 BE 0390
BROOKS WILLIAM G 1042 SIXTH AVE VERDUN QUE	B ENG EL 4 YO 4285
BROPHEY BEVERLEY 4012 ROYAL AVE N D G MONTREAL QUE	B A 2 DE 8514
BROPHY BERNARD JOSEPH MAC DONALD COLLEGE HARRISON S CORNERS ONTARIO	B ENG CI 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BROPHY JOSEPH LEOPOLD M 6592 ST HUBERT ST MONTREAL QUE	B ENG CI 3 CR 9031
BROSSEAU DENIS A 8415 DE GASPE AVE MONTREAL QUE	B ARCH 1 DU 1683
BROWMAN SAMUEL 4168 MARCIL AVE N D G MONTREAL QUE	B A 2 EL 8857
BROWN BARBARA ELIZABETH 1 DE CASSON RD WESTMOUNT QUE	B A 1 FI 8123
BROWN CARL EDWARD P 3485 MCTAVISH ST MONTREAL QUE DANVILLE QUE	B A 1 PL 5754
BROWN CHESLEY KENNETH C 858 SHERBROOKE ST E MONTREAL QUE 143 FRESHWATER RD ST JOHNS NEWFOUNDLAND	B SC 4 FR 4566
BROWN CLIFFORD 495 PRINCE ARTHUR MTL TRINITY NFLD	D D S 4 LA 8357
BROWN CYRIL B 21 MAPLE AVE ST ANNE DE BELLEVUE QUE 3 PALMISTE ST P OF SPAIN TRIN B W I	B SC AGR 3
BROWN DENIS KENNEDY DAWSON COLLEGE 5 CUMNOR COURT KENILWORT CAPE PROV SOUTH AFRICA	B ENG 1
BROWN DONALD R 3561 PEEL ST APT 19 MONTREAL QUE 10330 120TH ST EDMONTON ALTA	MED DIPL 1 MA 9069
BROWN DONALD R 5305 VAN HORNE AVE APT 5 MONTREAL QUE	M ENG 2 EX 2450
BROWN ELINOR H 3839 MARLOWE AVE MONTREAL 28 QUE	B COM 4 DE 8043
BROWN ELIZABETH B 4438 BRUTON RD CARTIERVILLE QUE	B SC 2 BY 2346
BROWN GEORGIANA L MACDONALD COLLEGE STANSTEAD QUE	B SC AGR 3
BROWN IRENE MARGARET 1480 MCGILL COLLEGE AVE MONTREAL QUE	B A 4 MA 2677
BROWN JOY MURIEL 1643 LINCOLN AVE APT 5 MONTREAL QUE	B A 2 FI 3768
BROWN KENNETH BANCROFT BAIE D URFE QUE	MD CM 3
BROWN KENNETH B MACDONALD COLLEGE COWANSVILLE QUE	B SC AGR 3
BROWN LEONARD GEORGE 11300 LAVAL ROAD MONTREAL 9 QUE 111 METCALF ST SAINT JOHN N B	B COM 3 BY 4523
BROWN LEONARD MARK 112 CHAMPLAIN ST ST JOHNS QUE	B ENG CI 3
BROWN LLOYD F 4378 WESTERN AVE APT G WESTMOUNT QUE	B COM 2 WE 4813
BROWN LORAND REID 3231 MAPLEWOOD AVE MONTREAL QUE 97 HIGHLAND AVE APPONAUG R I U S A	B SC 4 EX 3900
BROWN MARGARET H MACDONALD COLLEGE GLENELM QUE	TCH ELEM 1
BROWN MARY ELSZABETH 1455 DRUMMOND ST APT 513 MONTREAL QUE GRAND MERE QUE	B A 4 PL 7048
BROWN MARY E MACDONALD COLLEGE 3558 MARLOWE AVE N D G MONTREAL QUE	HOMEMAKE 1 DE 8634
BROWN MURRAY M 3609 UNIVERSITY ST MONTREAL QUE 5 PATRICIA BLVD TIMMINS ONT	B ARCH 2 LA 6307
BROWN NORMAN ELWOOD 1495 CRESCENT STREET MONTREAL QUE	PARTIAL LA 5533
BROWN PAUL JOHN 2321 MADISON AVE N D G MONTREAL QUE	B C L 3 WA 5584
BROWN RAYMOND EARL DAWSON COLLEGE QUE 331 GRAY ST HERKIMER NEW YORK U S A	B SC 1
BROWN RENEE PHYLLIS 3465 RIDGEWOOD AVE APT 207 MONTREAL QUE BOX 136 PENTICTON B C	M A 1
BROWN ROBERT DESBRISAY 2207 SOUVENIR AVE MTL WOODSTOCK N B	MD CM 1 FI 5183
BROWN ROBERT M 3525 PARK AVE MONTREAL QUE P O BOX 423 RICHMOND QUE	PH D 3 HA 3864
BROWN WILLIAM DALE DAWSON COLLEGE 157 WESTMINSTER AVE MONTREAL WEST QUE	WA 4388
BROWN WILLIAM T 3567 UNIVERSITY ST MONTREAL QUE 314 W NORTH ST LAKELAND FLA U S A	B SC 3 WA 4388
BROWNRIGG GARRETT W DAWSON COLLEGE QUE 47 QUEEN S RD ST JOHN S NEWFOUNDLAND	B SC 1
BROWNSTEIN PHILIP 5725 TRANS ISLAND AVE MONTREAL QUE	B SC 2 EX 2896
BROWNSTEIN RITA 5725 TRANS ISLAND AVE MONTREAL QUE	B SC 3 EX 2896
BRUCK ESTHER RUTH 499 ST CATHERINE RD OUTREMONT QUE	B A 1 TA 3211
BRUNEAU BARBARA ANNE 3780 MAPLEWOOD AVE MONTREAL 26 QUE	B SC 1 EX 1291
BRUNEAU LESLIE H 3780 MAPLEWOOD AVE MONTREAL QUE	B SC 4 EX 1291
BRUNET ESFIRA 1619 SELKIRK AVE MONTREAL QUE	M A 1 FI 7001

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BRUNET JOSEPH ALBERT D 3635 HUTCHISON STREET MONTREAL QUE	MD CM 2 BE 7114
BRUNET JACQUES YVES 1881 LECLAIRE ST MONTREAL QUE	B COM 2 TU 1323
BRUNTON LAUDER 4891 DRAPER AVE MONTREAL 29 QUE	MED DIPL 4 WA 7238
BRYAN HELEN TREVA ROYAL VICTORIA COLLEGE 1445 CUTHBERTSON PLACE FORT WILLIAM ONT	B SC P E 4
BRYANT JOHN ADIN 3400 RIDGEWOOD AVE APT 7 MONTREAL QUE	MD CM 3 EX 6892
BRYSON JOHN 2151 LINCOLN AVE MONTREAL	B C L 3 FI 5852
BRYSON JOSEPH W MACDONALD COLLEGE ORMSTOWN QUE	B SC AGR 3
BRYSON WILLIAM G MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	B ARCH 4
BRYSON WILLIAM THOMAS 5676 JEANNE MANCE ST MONTREAL QUE 1 OBED AVENUE VICTORIA B C	D D S 1
BRZEZINSKI ZBIGNIEW K 60 ST SULPICE RD WESTMOUNT QUE	M A 1 FI 9966
BUCCI ROSALIA LUCIA 4326 MELROSE AVE N D G MONTREAL QUE	B A 4 DE 5037
BUCHANAN DONALD ROY MACDONALD COLLEGE WEIRDALE SASK	M A 1
BUCHANAN IAN E 451 MOUNTAIN AVE WESTMOUNT QUE	B A 3 FI 8452
BUCHANAN JOHN A WILSON MEMORIAL HALL MONTREAL QUE CHAUDIERE BASIN QUE	B ENG MC 4
BUCHANAN MORRIS N UNITED THEOLOGICAL COL 83 FRONTENAC ST SHERBROOKE QUE	B D 1
BUCHANAN PHYLLIS ORR 575 ROSLYN AVE WESTMOUNT QUE	B A 2 DE 5229
BUCHANAN WILLIAM 661 RIVERVIEW AVE VERDUN QUE 515 EMPIRE AVE FORT WILLIAM ONT	3 TR 7318
BUCHSBAUM SALOMON JAN 5181 PARK AVE MONTREAL QUE	B SC 2 CR 7955
BUCK MAURICE WILLIAM 1383 MANNING AVE VERDUN QUE	B F A 2
BUCK MONA LAUREL 840 VALIQUETTE AVE VERDUN QUE	H SCH DI 5
BUCK WALTER KEITH PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MI 4
BUCKLEY CLAIR ALLAN 5615 BEAUCOURT ST APT 15 MONTREAL QUE 143 LEINSTER STREET SAINT JOHN N B	B SC P E 4
BUCKMIRE GEORGINA A ROYAL VICTORIA COLLEGE 736 11TH STREET BRANDON MAN	B SC P E 4
BUCKRIDAN RAKIB DAWSON COLLEGE RIO CLARO TRINIDAD B W I	B ENG 1
BUDDHU VERONICA R ROYAL VICTORIA COLLEGE 1 FREELING ST TUNAPUNA TRINIDAD	B SC 3
BULLOCK DAVID GORDON DOUGLAS HALL 113 NELSON ST BRANTFORD ONT	B A 1
BULLOCK KENNETH R DIOCESAN COLLEGE MONTREAL QUE 13 ROYSTON RD FIRSWOOD MANCHESTER 16 ENGLAND	B ENG EL 4
BUNCE DON FAIRBAIRN M 3511 UNIVERSITY ST MONTREAL QUE BOX 718 UNIV BRANCH CORAL GABLES FLORIDA	B SC 3 BE 0344
BUNSTON HAROLD GORDON 1022 OXFORD AVE N D G MONTREAL QUE	D D S 2 EL 3572
BUNTING JOHN PEARCE DOUGLAS HALL R R 1 OAKVILLE ONT	B COM 2
BUNZL ARTHUR 5346 ST URBAIN MONTREAL QUE	B SC 2 CR 6738
BURCH NORMAN HUNTER 150 ST PIERRE STREET ST JOSAPHAT QUE	B SC P E 4
BURDEN HANFORD POWELL 30 EASTON AVE MONTREAL WEST QUE 4406 W 7TH AVE VANCOUVER B C	B ENG CI 3 DE 5737
BURGESS EMILY ELIZ 4064 TRAFALGAR ROAD MONTREAL QUE	B A 2 FI 7868
BURGESS JAMES ORRISON 3421 DRUMMOND STREET MTL STE 9 BELMONT APTS REGINA SASK	B SC P E 4
BURGESS KENNETH R 4555 HAMPTON AVE MONTREAL QUE SMYTHE ST FREDERICTON N B	B ENG MC 4 WA 3585
BURGESS PETER W 539 LANSDOWNE AVE WESTMOUNT QUE	B SC 3 WA 2653
BURKE BENJAMIL LEONARD 352 METCALFE AVE MONTREAL QUE 257 FLORA ST OTTAWA ONT	B ENG EL 3 WI 0058
BURKE JOHN E MACDONALD COLLEGE 670 VICTORIA AVE WESTMOUNT QUE	B SC AGR 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BURKE JOHN FRANKLIN 3566 PARK AVE MONTREAL QUE 41 BAKER ST SARANAC LAKE N Y U S A	B SC 2 MA 5547
BURKE ROBERT 418 GROSVENOR AVE WESTMOUNT QUE 374 ERIE ST W WINDSOR ONT	B A 2 DE 3409
BURLAND GEORGETTE J 51 ST PETER ST ST ANNE DE BELLEVUE QUE 359 FIFTH AVE OTTAWA ONT	B SC H E 2
BURNS HOLLIS V MACDONALD COLLEGE COOKSHIRE QUE	B SC AGR 1
BURNS VIRGINIA RAE 20 DUFFERIN RD STE ROSE QUE	B A 1
BURRIDGE HENRY F 5418 LA FOND ST ROSEMOUNT QUE 2 CLIFTON AVE MARBLEHEAD MASS U S A	B ENG MC 4 FR 7175
BURROUGHS FLORENCE A ROYAL VICTORIA COLLEGE TENSED IDAHO	B SC 2
BURROUGHS WILLIAM EDWIN PETERSON RESIDENCES WHITE LAKE LAFAYETTE N J U S A	B SC 3
BURROW DOROTHEA ISABEL ROYAL VICTORIA COLLEGE 7 SURBITON RD HF WAYTREE JAMAICA BWI	B A 3
BURROWS DONALD R 163 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 0521
BURROWS GERALD IVAN 261 GEORGE ST FREDERICTON N B	B COM 3
BURROWS JEAN DALTON ROYAL VICTORIA COLLEGE 113 GLASGOW ST GUELPH ONT	B SC 4
BURWELL WILLIAM BRUCE DOUGLAS HALL RENFREW ONTARIO	MD CM 1
BUSCHLEN FREDERICK C DAWSON COLLEGE DESERONTO ONT	B SC 2
BUSH FRANCIS DAVID 221 STRATHEARN AVE MONTREAL WEST QUE	B COM 3 DE 1529
BUSHELL ELIZABETH ANN 12 GRENVILLE AVE WESTMOUNT QUE	B SC 2 EL 2714
BUTCHER DONALD W 60 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	B COM 2 AT 1485
BUTLER ARTHUR A DAWSON COLLEGE 7039 CHATEAUBRIAND MONTREAL QUE	B ENG 1 CR 8283
BUTLER DOROTHY A R DRUMMOND APTS MONTREAL QUE 1869 WYOMING AVE WASHINGTON D C U S A	M A 1
BUTLER JOHN DELMAR MACDONALD COLLEGE R R NO 1 OTTAWA ONT	B SC AGR 3
BUTLER ROBERT W 4250 DORCHESTER ST W MONTREAL QUE 11 SURBITON ROAD HF WAYTREE P O JAMAICA B	PH D 4 WE 9570
BUTT GWENYTH J 41 OXFORD ROAD STE ANNE DE BELLEVUE QUE 103 LEMARCHANT RD ST JOHN S NEWFOUNDLAND	B SC H E 3
BUTT SADIE E 418 PINE AVE W APT 7 MONTREAL QUE 123 PENNYWELL ROAD ST JOHN S NEWFOUNDLAND	B S W 1 MA 4664
BUTT WILLIAM FREDERICK 2027 FAVARD ST MONTREAL 22 QUE	B ENG ME 3 WI 9095
BUTTERFIELD HELEN B 1968 ST LUKE ST MONTREAL QUE 86 41ST ST LONG BRANCH TORONTO 14 ONT	B S W 1 WI 6266
BUTTERMAN NORMAN 4941 GROSVENOR AVE N D G MONTREAL QUE	B SC 4 AT 8028
BUTTERWORTH JOHN F 3434 MCTAVISH ST MONTREAL QUE OTTAWA ONT	B ENG ME 4 PL 4492
BUTTINGER CONSTANCE M ROYAL VICTORIA COLLEGE BROOKDALE FARM PENNINGTON N J	B A 2
BUTTLER ALLAN JAMES 494 SPRAGUE STREET WINNIPEG MAN	B SC P E 4
BUZAN WILLIAM BLAIR 952 OLD ORCHARD AVE N D G MONTREAL QUE	B COM 3 EL 9479
BYRD DAVID KENNETH 4779 MERIDIAN AVE N D G MONTREAL QUE	B A 1 WA 7507

C

CABANA GENEVIEVE M 3627 DECARIE BLVD MONTREAL 28 QUE	B A 2 DE 1507
CABOTT IRWIN M 3500 ATWATER AVE APT 3 MONTREAL QUE	PH D 2 WE 5168
CADIEUX LEONARD 4337 DE LA ROCHE ST MONTREAL 34 QUE	B ENG CI 2 AM 3066
CADLOFF JOSEPH 2325 OXFORD AVE APT 1A N D G MONTREAL QUE	B ARCH 5 WA 9484
CAHILL DILLON J 3980 ST DENIS ST MONTREAL QUE ST PATRICK S COLLEGE OTTAWA ONT	M SC 1 HA 1434
CAHN CARL HEINZ 3454 PEEL STREET MONTREAL QUE	MED DIPL 3 LA 6766

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CAILLIER FREDERICK C PETERSON RESIDENCE LEONARD ONT	MD CM 3
CAIN MICHAEL HANEY 3421 DRUMMOND ST MONTREAL QUE 1 DREAN AVE CHICOUTIMI QUE	B A 4 LA 0950
CAIN ROBERT M 107 SPRINGFIELD AVE GREENFIELD PARK QUE 355 N COLLEGE ST AUBURN ALA U S A	PARTIAL
CAINS MARY ANN 3542 NORTHCLIFFE AVE N D G MONTREAL QUE	B F A 2 DE 2906
CALABRESI CECILIA C O 3439 SHUTER ST MONTREAL QUE VIA GUERRAZGI 21 FLORENCE ITALY	B C L 1
CALCE SALVADOR J DAWSON COLLEGE 1429 NOTRE DAME ST W MONTREAL QUE	B ENG CH 2
CALDBRICK GEOFFREY A 1036 EGAN ST VERDUN QUE 16 HEMLOCK ST TIMMINS ONT	B A 2 TR 7134
ALDER THOMAS LACHLAN PRESBYTERIAN COLLEGE 706 6TH AVE NEW WESTMINSTER B C	
CALDERON DERICK 1018 SHERBROOKE ST W MONTREAL QUE 15 CALLE P GUATEMALA CIT GUATEMALA CENTRAL AMERIC	B A 2 MA 5931
CALDWELL CHARLES BOLT 4870 COTE DES NEIGES RD APT 305 MONTREAL QUE 934 ARNETT BLVD ROCHESTER NEW YORK U S A	PARTIAL EX 2884
CALDWELL DAVID M 3561 HUTCHISON ST MTL 11 RICHARD ROAD MANCHESTER CONN	MD CM 2 LA 0564
CALLAN SHEILA 434 BIRCH AVE ST LAMBERT MTL 23 QUE	B A 4
CALVIN HIRAM ARTHUR MACDONALD COLLEGE 7 4100 COTE DES NEIGES MONTREAL QUE	B SC AGR 2
CAMBER CECIL ISAAC 3540 DUROCHER ST APT 12 MONTREAL QUE 19 PANORAMA ROAD MNT CARMEL HAIFA ISRAEL	B SC 4 LA 6331
CAMBRON EMILE DAWSON COLLEGE 994 CHERRIER ST MONTREAL QUE	B SC 2
CAMBON KENNETH GEORGE 3630 DUROCHER ST APT 34 MONTREAL QUE	MD CM 3
CAMBRIDGE RONAN MALCOLM DAWSON COLLEGE 133 LONG CIRCULAR RD P OF SPAIN TRINIDAD B W	B ENG 1
CAMERON CLIFFORD HAROLD 3485 MC TAVISH ST MONTREAL QUE 252 MAIN ST LENNOXVILLE QUE	B ENG ME 3
CAMERON DONALDA M ROYAL VICTORIA COLLEGE 417 PITT ST CORNWALL ONT	B A 2
CAMERON DONALD K DAWSON COLLEGE 1 KENSINGTON ST ANDOVER MASS U S A	B SC 2
CAMERON FRANCIS J DAWSON COLLEGE 51 HOPE ROAD KINGSTON JAMAICA B W I	B ENG CI 2
CAMERON JOHN A H DAWSON COLLEGE 35 WOODLAWN AVE OTTAWA ONT	B SC 1
CAMERON JOHN JAMES 1440 CHOMEDY ST MONTREAL QUE	B SC P E 2 WI 1230
CAMERON MYRNA M F ROYAL VICTORIA COLLEGE 72 UNION STREET SAINT JOHN N B	B A 1
CAMERON PETER A G DOUGLAS HALL 26 DOUGLAS DRIVE TORONTO ONT	B COM 2
CAMERON STEWART HOWEY 4776 VICTORIA AVE MTL MEADOWVILLE N S	MD CM 3 EL 7610
CAMERONI EUGENE O 3465 COTE DES NEIGES RD MONTREAL QUE CADA DE LA PIEDAD 78 MEXICO D F	
CAMIRAND CHARLES L 5650 SOMERLED AVE MONTREAL QUE	B C L 3 EL 5639
CAMIRAND LEO PAUL 439 STE HELENE ST MONTREAL SOUTH QUE	B ENG CI 4
CAMP GEOFFREY MICHAEL 3421 DRUMMOND ST MONTREAL QUE 761 ST CLARE ROAD TOWN OF MOUNT ROYAL QUE	B ENG PH 3 LA 0950
CAMP MARYLIN CHASNEY 124 WOLSELEY AVE MONTREAL WEST QUE	B A 4 DE 5154
CAMP TOM CHASNEY 124 WOLSELEY AVE MONTREAL WEST QUE	B A 2 DE 5154
CAMPBELL ALAN DENTON 7044 CHAMPAGNEUR AVE MONTREAL 15 QUE	B ENG EL 3 CA 7986
CAMPBELL BRUCE 399 SECOND AVE VERDUN QUE	B A 4 YO 6945
CAMPBELL COLIN JR 1588 DUCHARME AVE MTL 1230S ARLINGTON RIDGE RD ARLINGTON VIRGINIA U S A	MD CM 1 CA 4446
CAMPBELL COLIN GORDON DAWSON COLLEGE QUE 11 LORRAINE AVE WESTMOUNT QUE	B ENG 1
CAMPBELL DAVID GORDON MACDONALD COLLEGE R R 1 RIPLEY ONT	M A 1
CAMPBELL DAWN M 3430 CUVILLIER ST MONTREAL QUE	L MUS 2 AM 5447

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CAMPBELL DONALD P MACDONALD COLLEGE BEEBE QUE	B SC 4
CAMPBELL DOUGLAS A 3478 MC TAVISH ST MONTREAL QUE 3940 COTE DES NEIGES RD MONTREAL QUE	B A 3 PL 7412
CAMPBELL DOUGALD E 5339 COTE ST LUC RD MONTREAL QUE MARGAREE FORKS NOVA SCOTIA	M COM 1 WA 9338
CAMPBELL GLEN HYND DAWSON COLLEGE 639 REGINA AVE VERDUN QUE	B SC 2 TR 1854
CAMPBELL GORDON A Y M C A DRUMMOND ST MONTREAL QUE 395 MAC LAREN ST OTTAWA ONT	B ENG CH 4
CAMPBELL GRACE JONES P 7485 DE L EPEE AVE PARK EXTENSION RICKINGHAM P O HALIFAX NOVA SCOTIA	B L S 1 CA 9472
CAMPBELL JAMES BARRIE 3956 COTE DES NEIGES RD MONTREAL QUE	B C L 3 WE 5718
CAMPBELL JAMES E MACDONALD COLLEGE R R 3 EMERALD P E	B SC AGR 4
CAMPBELL JANET ELIZABETH 4935 QUEEN MARY RD APT 20 MONTREAL QUE HASTINGS ONTARIO	MD CM 3 EX 1707
CAMPBELL JOHN DUNCAN 1200 DUNVEGAN ROAD TOWN OF MOUNT ROYAL QUE 9 BARNESDALE AVE S HAMILTON ONT	PH D 2 EX 4215
CAMPBELL JOHN F 63 CORNWALL AVE TOWN OF MOUNT ROYAL QUE ★	B COM 3 AT 3115
CAMPBELL LACHLAN ROSS DAWSON COLLEGE QUE 4644 OXFORD AVE N D G MONTREAL QUE	B ENG 1 DE 6779
CAMPBELL MARY 7 REECE AVE WEST CHILLIWACK B C	B L S 1
CAMPBELL MARY MARGARET 702 GROSVENOR AVE WESTMOUNT QUE	B A 3 WA 3488
CAMPBELL MASON M 3430 CUVILLIER ST MONTREAL QUE	B SC 4 AM 5447
CAMPBELL MAXIM RUDOLPH 550 MILTON ST MONTREAL QUE 8 THORNHILL ST NE PLUS U SAN FERNANDO TRIN B W I	B SC 4 LA 7002
CAMPBELL ROBERTA B 3515 SHUTER ST APT 6 MONTREAL QUE WOODSTOCK N B	PARTIAL LA 6644
CAMPBELL SHEILA E 637 VICTORIA AVE WESTMOUNT QUE	B COM 2 EL 4564
CANAVAN GORDON S MACDONALD COLLEGE ADMIRAL ROCK HANTS CO N S	B SC AGR 3
CANDILIDIS JOHN DAWSON COLLEGE 75 MALIKA NAZLI ST CAIRO EGYPT	B SC 2
CANDLISH JOHN J MACDONALD COLLEGE 115 WOLSELEY AVE MONTREAL WEST QUE	B SC AGR 2
CANDY PETER RICHARD 2053 METCALFE ST MONTREAL QUE 10 WILLARD ST OTTAWA ONT	B COM 4 LA 4861
CANER MARY ADELINE ROYAL VICTORIA COLLEGE 63 MARLBORO ST BOSTON MASS U S A	B A 1
CANN MALCOLM CALVIN 5509 CLANRANALD AVE MONTREAL QUE ★	B SC 2 EX 3811
CANNON MAUREEN ANN 338 GROSVENOR AVE WESTMOUNT QUE	B A 2 DE 7165
CANTIN C 1486 CHOMEDY ST MONTREAL QUE 43 FRASER ST LEVIS QUE	B ENG CH 4 WE 6481
CANTIN GILLES DAWSON COLLEGE 43 FRASER ST LEVIS QUE	B ENG ME 2
CANTIN JACQUES 1486 CHOMEDY ST MTL 43 FRASER STREET LEVIS QUE	B C L 1
CANTLEY JANE FRASER ROYAL VICTORIA COLLEGE 44 TEMPERANCE ST NEW GLASGOW N S	B A 1
CANVIN JOHN ALFRED DOUGLAS HALL 25 BROOKFIELD RD HAVERSH WOLVERTON BUCKS ENGLAND	B A 2
CAPE DAVID GEORGE M 1210 REDPATH CRESCENT MONTREAL QUE	MD CM 4 DE 0 5
CAPEL AUDREY MABEL 129 56 AVE LACHINE QUE	B F A 2
CAPELOVITCH LAURENCE 4967 VICTORIA AVE MONTREAL QUE	B A 2 EL 3438
CAPLAN HERBERT 851 DOLLARD AVE OUTREMONT QUE	D D S 4 CA 3771
CAPLAN LIONEL 2415 MAPLEWOOD AVE APT 2 MONTREAL QUE	B COM 2 AT 3125
CAPLANSKY EDWARD M 5031 PARK AVE MONTREAL QUE	B A 4 TA 0208
CAPOGRECO VINCENT E MCGILL FIELD HOUSE 903 SOMERSET ST W OTTAWA ONT	B A 2 PL 3332
CAPPS MARGARET C 4780 COTE DES NEIGES RD MONTREAL QUE	M A 2 AT 6562
CARABINE WILLIAM F 7745 QUERBES AVE APT 4 MONTREAL QUE	M A 2 VI 0724

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CARAGIANIS KIMON G 6403 CHAMBORD ST MONTREAL 35 QUE	B ARCH 5 VI 0400
CARBONNEAU COME 3608 ST FAMILLE ST MONTREAL QUE 510 5TH AVE GRAND MERE QUE	PH D 2 HA 8916
CARBONNEAU LOUIS UBALD 11217 DE MONTIGNY ST E MONTREAL QUE	H SCH DI 5
CARDOZO ROBERT L 6230 MT SIGHT MTL MONTREAL 11809 83RD AVE KEW GARDENS N Y U S A	M A 1 AT 0219
CAREY ANNE ELIZABETH 581 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B A 2 EX 5915
CARLETON CHARLES COLEMAN 1500 CRESCENT ST MTL 1300 COUNTRY CLUB DR ORLANDO FLA	MD CM 4 BE 2449
CARLING EVA D ROYAL VICTORIA COLLEGE 133 ACACIA AVE ROCKCLIFF OTTAWA ONT	B F A 1
CARLILE SHEILA ANNE 6378 MONKLAND AVE N D G MONTREAL QUE	B SC 3 DE 2404
CARLSON LEONARD I Y M C A 1441 DRUMMOND ST MONTREAL QUE BOX 59 CANWOOD SASK	B S W 1 MA 4171
CARLTON ROBERT HUGH 82 SOMERVILLE AVE WESTMOUNT QUE	B SC 3 EL 0316
CARLTON ROSEMARY M E MACDONALD COLLEGE 82 SOMERVILLE AVE WESTMOUNT QUE	TCH ELEM 1
CARMENT ELEANOR ANNE 3469 GREY AVE MONTREAL QUE	B SC P E 2 DE 5364
CARMICHAEL VERLIE ANNE 4887 DRAPER AVE N D G MONTREAL QUE	B A 2 WA 7454
CARNWATH JOHN HOWITT DAWSON COLLEGE 419 VINCENT ST WOODSTOCK ONT	B ENG MC 2
CARON CAMILLE JOSEPH B 1982 DUBOIS STREET MTL 57 ST LAURENT ST LOUISEVILLE QUE	PARTIAL WI 9347
CARON GASTON GEORGES 2264 WILSON AVE MONTREAL QUE	B SC 3 WA 5812
CARON GUY ALPHONSE DAWSON COLLEGE 45 34TH AVENUE EDMUNDSTON EAST N B	B ENG 1
CARON JOHN WILSON MEMORIAL HALL 89 ST GERMAIN ST RIMONSKI QUE	MD CM 2
CARPENTER EDWARD J 3457 NORTHCLIFFE AVE WESTMOUNT QUE 6 KEEFE PLACE WORCESTER MASS U S A	B ENG EL 3
CARPENTER GEORGE S 3465 COTE DES NEIGES RD MONTREAL QUE	B COM 2 FI 5475

NAME ADDRESS	COURSE & YEAR TEL. NO.
CARR DAVID A 1640 VAN HORNE AVE OUTREMONT QUE	B SC 3 CA 6281
CARR EDWARD FRANCIS 4022 OXFORD AVE MONTREAL QUE 130 E WARRINGTON RD SYRACUSE N Y U S A	PARTIAL DE 0833
CARR MARGARET G MACDONALD COLLEGE 751A BLOOMFIELD AVE OUTREMONT QUE	TCH ELEM 1
CARR HARRIS LLOYD 3478 MCTAVISH ST MONTREAL QUE	B A 3 PL 7412
CARRIER JOSEPH EMILE PRESBYTERIAN COLLEGE MONTREAL QUE 24 VERCHERES ST HULL QUE	B ENG CH 3
CARRIER PAUL EMILE 456 PINE AVE WEST MONTREAL QUE 29 LYNCTT STREET EDMUNDSTON N B	B C L 2 HA 5480
CARRIERE RITA M 2085 UNION AVE MONTREAL QUE	B SC 4 BE 7636
CARRINGTON STANLEY B DAWSON COLLEGE JORDANS ST GEORGE BARBADOS B W I	B ENG 1
CARROLL MURRAY 213 1455 DRUMMOND ST MONTREAL 2 QUE 1357 BARCLAY ST VANCOUVER B C	PH D 2 LA 9627
CARRUTHERS KENNETH D B 148 WOLSELEY AVE MONTREAL WEST QUE	B ARCH 4 DE 9919
CARSON JAMES G 78 BRUCE AVE WESTMOUNT QUE MANOTICK STATION ONT	B COM 4 WI 5004
CARSON PATRICIA DOROTHY 1455 DRUMMOND ST APT 100 MONTREAL QUE	B A 3 MA 5079
CARSON VITA EDITH 806 STUART AVE OUTREMONT QUE	B A 1 CA 4247
CARSON WILLIAM ROBERT 7492 BIRNAM ST MONTREAL QUE 241 DUKE ST ST JOHN N B	B COM 1
CARTER CONSTANCE H 1 VICTORIA AVE BEDFORD QUE	B SC 2 TR 3617
CARTER DAVID 1455 DRUMMOND ST APT 616 MONTREAL QUE 114 SPRINGDALE ST ST JOHN S NEWFOUNDLAND	B SC 4 LA 9684
CARTER DOUGLAS R E DAWSON COLLEGE EVERTON ST GEORGE BARBADOS B W I	B SC 2
CARTER GEORGE BLAKE 6720 SHERBROOKE ST W N D G MONTREAL QUE	B ENG MC 2 WA 8422
CARTER GEORGE FRANCIS E WILSON HALL PINE HILL BARBADOS B W I	B SC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CARTER JOHN STEPHEN 44 CURZON AVE MONTREAL WEST QUE	PARTIAL DE 1209
CARTER WILFRED MACKENZIE 3508 UNIVERSITY ST MTL P O BOX 73 GASPE QUE	MD CM 1
CARTER WILLIAM F 4 OLDFIELD AVE APT 11 111 SORAUREN AVE TORONTO ONT	B ENG MC 3
CARTER WILLIAM HENRY PETERSON RESIDENCES 25TH AVE LACHINE QUE	D S 4
CARTIER JAMES ANDREW 4832 WILSON AVE MONTREAL QUE	B A 4 EL 1462
CARTIER LEONARD 2190 ST JOSEPH BLVD E MONTREAL QUE	M ENG 2 FR 1204
CARTWRIGHT EUGENE F 3421 DRUMMOND ST MONTREAL QUE 78 ORUIS ROAD ARLINGTON 74 MASS U S A	B A 4 LA 1950
CARTY MAURICE FRED DAWSON COLLEGE 160 WAVERLEY ST OTTAWA ONT	E ENG 1
CARUSO IRVING DAWSON COLLEGE QUE 5336 JEANNE MANCE ST MONTREAL QUE	B SC 1
CASE PETER W MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
CASH DONALD 422 ELM AVENUE WESTMOUNT QUE	B ARCH 2 WI 1511
CASHMAN EDWARD F MACDONALD COLLEGE 66 GOULBOURN AVE OTTAWA ONT	B SC AGR 3
CASSAR LOUIS 3473 UNIVERSITY STREET 211 SIXTH AVENUE SHERBROOKE QUE	MD CM 1 MA 1902
CASSELMAN MOYRA A 8 MAPLE AVE ST ANNE DE BELLEVUE QUE WILLIAMSBURG ONT	B SC H E 2
CASSELMAN RICHARD CLAIR 3605 UNIVERSITY ST MONTREAL QUE BOX 190 PRESCOTT ONT	E COM 2 LA 1643
CASSELMAN VERLA MURIEL ROYAL VICTORIA COLLEGE ENGLEHART ONT	B A 2
CASSIDY ROBERT E STANLEY ST MONTREAL QUE 215 QUEEN ST TRURO N S	B ARCH 3 BE 1688
CASTLE JOHN PETER H DOUGLAS HALL 259 LAURIER AVE QUEBEC CITY QUE	E COM 1
CATER JOHN WHITE DAWSON COLLEGE QUE CO 9 ROCKEFELLER PLAZA NEW YORK N Y U S A	E ENG 1
CATTERILL THOMAS BRIAN DOUGLAS HALL 109 FARADAY ST OTTAWA ONT	B SC 3
CATTERSON ALISTAIR G DAWSON COLLEGE 128 MAIN STREET FARNHAM QUE	B SC 2
CAUSO CARLOS V DE J DAWSON COLLEGE P O BOX 2435 HAVANA CUBA	B ENG 1
CAVALCANTI HENRIQUE 8 EDGEHILL AVE APT 1 MONTREAL QUE RUA NASCIMENTO SILVA 190 RIO DE JANEIRO BRAZIL	B ENG CI 3 WE 0659
CAVADIAS APOSTOLOS DAWSON COLLEGE ST JOHNS QUE 621 ECHO DRIVE OTTAWA ONT	B ENG 1
CAUF ALTHEA E MACDONALD COLLEGE GERALDTON ONT	B SC H E 2
CAVE WILLIAM STEPHEN DOUGLAS HALL LITTLE LONG LAC MINES GERALDTON ONT	MD CM 3
CAVELL CHARLES OWEN BOX 17 MACDONALD COLLEGE ST JOHNS QUE 19 VICTORIA ST MAGOG QUE	B ENG EL 4
CAVERHILL JOHN WARWICK 5268 COTE ST ANTOINE RD MONTREAL QUE 5268 COTE ST ANTOINE RD N D G MONTREAL QUE	B SC 2 TE 9523
CAVERHILL WILLIAM A J 3437 PEEL ST MONTREAL QUE	B A 2
CAYFORD DOUGLAS B 587 NOTRE DAME AVE ST LAMBERT QUE	B ARCH 4
CAZA VINCENT BERNARD Y M C A DRUMMOND ST MONTREAL QUE 34 BOUCHETTE ST HUNTINGDON QUE	B SC 4
CHADWICK CATHARINE M J 90 SUNNYSIDE AVE WESTMOUNT QUE	B F A 1 EL 6811
CHADWICK MARTHA J 18 RAMEZAY RD WESTMOUNT QUE	M A 2 FI 2891
CHAFE FREDERICK GEORGE DOUGLAS HALL P O BOX 570 ST JOHN S NEWFOUNDLAND	B A 4
CHAIKELSON MORRIS 5901 JEANNE MANCE ST MONTREAL QUE	B A 2 CA 5440
CHAIMBERG MINNIE M MACDONALD COLLEGE 7609 DE L EPEE AVE OUTREMONT QUE	TCH ELEM 1
CHALIFOUR PAUL PETERSON RESIDENCE 130 ST JOHN STREET FREDERICTON N B	B COM 3
CHALLIS THOMAS WILLIAM 1619 LINCOLN AVE APT 8 MONTREAL QUE KCKSILAH VI B C	MD CM 3
CHAMANDY EMIL FRANK 632 ST GERMAIN AVE OUTREMONT QUE	B A 1 AT 5383

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CHAMBERLAIN ROSS EDWIN 4399 KING EDWARD AVE MONTREAL QUE	B ENG CI 3 EL 8856
CHAMBERS BARBARA ANN 641 VICTORIA AVE WESTMOUNT QUE	B A 2 EL 3973
CHAMBERS RUSSELL GEORGE 2384 BEACONSFIELD AVE RD APT 9 N D G MONTREAL QUE	B ENG MI 4 EL 1680
CHAMPAGNE BERNARD J G DAWSON COLLEGE 631 18TH AVE LACHINE QUE	B ENG 1
CHAMPAGNE JEAN PAUL 4502 LAFONTAINE ST MONTREAL QUE	B ENG EL 4
CHAMPAGNE PIERRE A 5783 NORTHMOUNT AVE MONTREAL QUE	B C L 2 AT 2892
CHAN VICTOR O Y M C A DRUMMOND ST MONTREAL QUE ROSIGNOL BERBICE BR GUIAINA	PH D 2
CHANDLER NORMAN H 4842 WILSON AVE N D G MONTREAL QUE	B SC 4 DE 4192
CHANT RAYMOND E PETERSON RESD S 25 AVE LACHINE QUE	M ENG 2
CHAPLIN CHARLES ERIC MANOTICK ONT	PH D 3
CHAPLIN EDWARD R MAC DONALD COLLEGE ABBOTSFORD QUE	B SC AGR 4
CHAPLIN JOHN PETER MACDONALD COLLEGE ABBOTSFORD QUE	B SC AGR 2
CHAPLIN PHILIP ALFRED C DOUGLAS HALL BOX 30 ALMONTE ONT	B A 4
CHAPMAN ALFRED J L 3605 UNIVERSITY ST MONTREAL QUE 114 JAMES ST ST CATHARINES ONT	B COM 3 LA 0643
CHAPMAN ANNE 3577 PEEL STREET MTL STE1 135 SELKIRK AVE WINNIPEG MAN	B N 2 HA 8790
CHAPMAN JOHN H PETERSON RESIDENCE 434 DUFFERIN AVE LONDON ONT	PH D 2
CHAPMAN MARIAN C H PETERSON RESIDENCE 434 DUFFERIN AVE LONDON ONT	M SC 1
CHAPMAN NANCY G E MACDONALD COLLEGE 48 CHURCH ST ST CATHERINES ONT	B SC H E 4
CHAPMAN NIGEL V 3581 UNIVERSITY ST 15 WADHAM GARDENS LONDON ENGLAND	B ARCH 4 MA 3842
CHAPMAN ROBERT P 1455 DRUMMOND ST APT 817 MONTREAL QUE 222 ARCHIBALD ST MONCTON N B	PH D 3 MA 9839
CHAPUT J MARCEL 529 PRINCE ARTHUR ST W MONTREAL QUE 49 MAISONNEUVE ST HULL QUE	M SC 1
CHARBONNEAU BERNARD 3406 ST HUBERT ST APT 15 MONTREAL QUE	B ENG 1 FR 2552
CHARLAP GEORGE WILSON HALL MONTREAL QUE	B ENG MI 4
CHARLES CHRISTINE M ROYAL VICTORIA COLLEGE 43 NELSON ST HAWKESBURY ONT	B SC 2
CHARLES GEORGE E 3590 STE FAMILLE ST MONTREAL QUE 456 6TH AVE GRAND MERE QUE	M ENG 1 HA 3977
CHARLESWORTH REGINALD C 4389 GIROUARD AVE N D G MONTREAL QUE	B SC 1 EL 2248
CHARLTON PATRICIA M 472 COTE ST ANTOINE RD WESTMOUNT QUE 116 PROSPECT ST EAST ORANGE N J U S A	B A 3 DE 2373
CHARLTON RICHARD J 215 THIRD ST ST LAMBERT QUE ENGLAND	B ENG MI 4
CHARNESS GERALD N F 716 DEL EPEE OUTREMONT QUE	B A 2 CA 7189
CHARNESS LUCILLE C 4401 COOLBROOK AVE MONTREAL QUE	B A 2 EL 2726
CHARNETSKY PEARL 5851 ESPLANADE AVE MONTREAL QUE	B A 4 CR 5210
CHAROW ISADORE DAWSON COLLEGE QUE 781 STUART AVE OUTREMONT QUE	B ENG MC 1
CHARPILLOZ MILDRED S 3825 LACOMBE AVE MONTREAL QUE	B A 4 AT 4256
CHARRON EDGAR CHARLES 310 VICTORIA AVE ST LAMBERT QUE NAMUR QUE	B ENG EL 3
CHARTERIS JOAN N F 1525 ST MARK ST MONTREAL QUE	B A 1 FI 3828
CHARTERS CHARLES F M 4072 GREY AVE MONTREAL 28 QUE	B ENG CH 4 DE 0642
CHARTRAND PHILIP JOHN 249 MELVILLE AVE MONTREAL QUE	B A 3 FI 3355
CHASE WALTER G 2255 SICARD ST MONTREAL QUE	B ARCH 3 CL 5405
CHASE WILLIAM HENRY DOUGLAS HALL 10214 125TH STREET EDMONTON ALTA	MD CM 2
CHASMAR LESLIE RAYMOND 3508 UNIVERSITY STREET HANLEY SASKATCHEWAN	MD CM 3 HA 4873

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CHATELANAT RAYNOND P DOUGLAS HALL APPLE TREE COTTAGE DEVENISH RD SUNNINGDALE	B A 2
CHATTEN JANE ROYAL VICTORIA COLLEGE 64 E 80 ST NEW YORK NY 21 U S A	B SC 1
CHAU ANDREW Y S 1245 REDPATH CRESCENT MONTREAL 33 LEIGHTON HILL RD HAPPY VALLEY HONG KONG	M SC 1 HA 0950
CHAUVIN JOHN HENRY DAWSON COLLEGE 3535 COTE STE CATHERINE MONTREAL 26 QUE	B ENG 1 AT 5112
CHAVES AFFONSO G F DAWSON COLLEGE RUA SOROCABA 570 AP 102 RIO DE JANEIRO BRAZIL	B ENG 1 AT 7732
CHAVEZ REYNALDO DAWSON COLLEGE MANAGUA NICARAGUA C A	B ENG 1
CHECHIK WILLIAM 2065 MAPLEWOOD AVE APT 6 OUTREMONT QUE	B COM 4 AT 4818
CHEESE PAUL S 3433 PEEL ST APT 1 MONTREAL QUE	B ENG CH 4 BE 2987
CHENEVERT JOHN GUY 598 LANSDOWNE AVE WESTMOUNT QUE	B A 1 DE 3848
CHENEVERT ROBERT O Y M C A DRUMMOND ST MONTREAL QUE 965 ROYAL ST THREE RIVERS QUE	B ENG CI 3 MA 4171
CHENIER GERARD 8612 DROLET ST MONTREAL QUE	B C L 1
CHERNY VLADIMIR BORIS W 7259 CHAMPAGNEUR ST MONTREAL QUE	MD CM 4 VI 0549
CHERRY JOSEPH BENTLEY 605 COMMON WEALTH AVE BOSTON MASS U S A 97 LONG MEADOW ST LONG MEADOW MASS U S A	MED DIPL 4
CHERRY RICHARD ROCH 5453 DUQUETTE AVE MONTREAL QUE	MD CM 4 DE 7081
CHEVRIER MICHELINE M 9908 ST CHARLES ST MONTREAL QUE	M A 2 DU 3485
CHIAVAZZA ANTONIO J G 10 PERREAULT AVE STE ANNE DE BELLEVUE	B SC AGR 1
CHICOINE MYRA CAMILLE 3850 COTE ST CATHERINE MONTREAL QUE	B A 1
CHILDE CYRIL H J 904 SHERBROOKE ST MONTREAL QUE BANFF ALBERTA	2 PL 5585
CHIN JACK DAWSON COLLEGE 6510 KIMBARK AVE CHICAGO ILL U S A	B SC 2
CHIN WILFRED C 3439 SHUTER ST MONTREAL QUE INNSWOOD CONSTANT SPRING JAMAICA B W	B SC 4 BE 0017
CHIPMAN JULIAN C C DOUGLAS HALL OKA QUE	B A 3
CHIPMAN LAWRENCE C DOUGLAS HALL OKA QUE	B A 4
CHIPPS GEORGE EDWARD 5281 CONNAUGHT AVE MONTREAL QUE	B ENG EL 3
CHISHOLM C ANNE MACDONALD COLLEGE CH DE COUDREE RUTH COLOG GENEVA SWITZERLAND	B SC H E 1
CHISHOLM DAINTRY CRAIG 1537 ST MATTHEW ST MONTREAL QUE	B SC P E 3 WE 4961
CHISHOLM FRANCIS H B MONTREAL 6 QUE	B ENG MC 4
CHIVERS KENNETH F G 3739 GERTRUDE ST VERDUN QUE	B A 3 TR 3140
CHOMAY JOHN 1669 CITY HALL AVE MONTREAL QUE	B SC P E 3
CHONG JOHN KENNETH K H 290 SHERBROOKE ST W MONTREAL QUE 69 JALAN ABOUL JALIL IPOH PERAK MALYA	B SC 3 LA 4351
CHOQUETTE GILBERT LOUIS 4130 WILSON AVENUE MONTREAL QUE	B C L 3 DE 7465
CHOUINARD ALPHONSE L 8165 RUE ST DOMINIQUE MONTREAL QUE ST QUENTIN REST CO N B	B ENG 3 DU 3466
CHOUINARD DENIS J A 8344 ST GERARD ST MONTREAL QUE	B COM 1 DU 4276
CHOUINARD JOS ROCK E P DAWSON COLLEGE 251 RUSSEL ST ST ANNE DE CHICOUTIMI QU	B ENG 1
CHOW DAVID YIK FU 3439 SHUTER ST MONTREAL QUE C O THE CATHAY PALACE 22 22 ALBERT ST OTTAWA ONT	GRAD QUA 1 BE 0017 ERT ST
CHRISTAKOS NICHOLAS J 4286 WESTERN AVE WESTMOUNT QUE 66 BLOOR ST SUDBURY ONT	B COM 4 WI 9394
CHRISTENSEN ANGELA M ROYAL VICTORIA COLLEGE 120 WURTEMBURG ST OTTAWA ONT	B A 2
CHRISTENSEN HJORDIS 5103 WESTERN AVE N D G MONTREAL QUE	A & S CO 1 DE 2236
CHRISTIE PAUL ARMSTRONG PETERSON RESIDENCE 25TH AVE LACHINE QUE	MD CM 3
CHRISTIE STANLEY GEORGE 3653 UNIVERSITY ST MTL P O BOX 126 NASSAU BAHAMAS	MD CM 1 PL 2073
CHRISTMAS THOMAS HERBER 8691 MARSEILLE ST MONTREAL QUE	H SCH DI 5 CL 5038

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CHRUSCH JOHN M 3445 PEEL ST MTL QUE VONDA SASKATCHEWAN	B COM 4 PL 9462
CHUN ROWLAND FRANCIS 2197 MARCIL AVE N D G MONTREAL QUE	B COM 2 DE 1020
CHUNG WALLACE BAKFU 1441 DRUMMOND ST MTL 557 CORMORANT ST VICTORIA B C	MD CM 1
CHURCH BARBARA L MACDONALD COLLEGE EAST RIVERSIDE KINGS COUNTY N B	B SC H E 4
CHURCH JAMES PETER 3774 WILSON AVE MTL LAWRENCETOWN ANNE CO NOVA SCOTIA	MD CM 3 DE 2089
CHURCH JOHN EVAN 126 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 1334
CHURCHILL FREDERICK E PETERSON RESIDENCE 25TH AVE LACHINE QUE LACHINE QUE	B ENG EL 4
CIRCA VERA NADIA 3480 ONTARIO AVE MTL 995 MANITOBA AVE WINNIPEG MAN	B L S 1 PL 0044
CLAEYS JACQUES MAURICE DAWSON COLLEGE 6834 DES ERABLES ST MONTREAL QUE	B ARCH 1
CLAMEN MARVIN 5852 HUTCHISON ST OUTREMONT QUE	MD CM 2 CA 1423
CLANCY BARBARA HELEN 10875 DURHAM AVE MONTREAL QUE	B SC P E 3 DU 1639
CLANCEY EDMUND JOSEPH DAWSON COLLEGE 224 82 ST BAY RIDGE BROOKLYN N Y U S A	B SC 2
CLAPINSON PATRICIA H MACDONALD COLLEGE 4981 DORNAL AVENUE MONTREAL QUE	HOMEMAKE 1 EX 1494
CLARK BARBARA A 4565 ROYAL AVE MONTREAL QUE ★	B A 4 EL 8630
CLARK DAVID BLACKWOOD 5964 IBERVILLE ST MONTREAL QUE	B COM 3 TA 1239
CLARK DOUGLAS H DAWSON COLLEGE P O BOX 37 GRENVILLE QUE	B SC 2
CLARK DOUGLAS W 4519 MADISON AVE MONTREAL 28 QUE	B ENG EL 4 EL 5026
CLARK EDWARD JOHN MACDONALD COLLEGE KILBOURN AVE BULLING S BRIDGE ONT	B SC AGR 2
CLARK ERIC N 465A LAFLEUR AVE VILLE LA SALLE QUE	PH D 4 WA 3790
CLARK GEORGE H MACDONALD COLLEGE R R 2 PICTOU PICTOU CO N S	B SC AGR 3
CLARK GORDON MURRAY 49 CEDAR AVE POINTE CLAIRE QUE	M SC 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
CLARK IAN CHRISTIE 3637 UNIVERSITY ST MONTREAL QUE 242 DUNVEGAN RD TORONTO ONT	B COM 2 MA 1736
CLARK JAMES VINCENT 5619 WAVERLY ST MTL QUE ST GEORGE N B	MD CM 4
CLARK JAMES WILLIAM DAWSON COLLEGE 1753 NORTH AVE OUTREMONT QUE	B ENG MC 2 AT 4173
CLARK JOAN 353 CHESTER AVE TOWN OF MOUNT ROYAL QUE	B A 4 AT 2883
CLARK JOSEPH PRESTON 1217 DRUMMOND APT 42 MONTREAL QUE	MD CM 4 BE 5591
CLARK MARY ELAINE 3488 WALKLEY AVE N D G MONTREAL QUE	B SC P E 1 EL 8339
CLARK PATRICIA A MACDONALD COLLEGE MOUNTAIN ONT	B SC AGR 1
CLARKE DAVID W WILSON HALL MENBURG PINE HILL BARBADOS B W I	B ENG PH 3
CLARKE MARGARET E MACDONALD COLLEGE HENBURY PINEHILL ST MICHAEL 15 BARBADOS	B SC H E 1
CLARKE PETER MACRAE DAWSON COLLEGE 5044 N D G AVE WESTMOUNT QUE	B ENG 1 WA 2832
CLARKE REGINALD MOSES 3610 DUROCHER ST APT 38 MONTREAL QUE 129 WILLIAM ST COWANSVILLE QUE	4 MA 6917
CLARKE RONALD S 194 SELBY ST MONTREAL PEEL CAR CO N B CAN	M SC 1 WI 6649
CLARKE THELMA J MACDONALD COLLEGE PALMERS ST PHILIP BARBADOS B W I	B SC H E 3
CLARKE WALLACE E 5399 PARK AVE MONTREAL QUE BOX 749 YARMOUTH N S	M SC 2 CR 9154
CLAXTON DAVID D S DAWSON COLLEGE QUE 190 MAC LAREN ST OTTAWA ONT	B SC 1
CLAXTON JOHN B 4090 HIGHLAND AVE MONTREAL QUE	B C L 3 FI 1020
CLAYPOLE EDWARD L 14 AMESBURY AVE APT 95 MONTREAL QUE	B ENG CI 4
CLAYTON BLANCHE P 3737 HUTCHISON ST APT 2 MONTREAL QUE CO 10 WOLFE AVE DEEP RIVER ONT	PH D 2 HA 7985
CLEARIHUE JOYCE GOLDING 3517 HUTCHISON STREET 2445 LANSDOWNE ROAD VICTORIA B C	MD CM 1 PL 6905
CLEARY GERALD JOHN 1215 BISHOP ST MONTREAL QUE	B COM 3 PL 3939

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CLEASBY JOHNSON 3509 HUTCHISON ST APT 39 MONTREAL QUE	B ENG MC 4
CLEATHER EDWARD GORDON 3429 PEEL ST MONTREAL QUE 221 STRATHMORE BLVD TORONTO ONT	B A 3 PL 7385
CLEMAN GOLDIE 810 HARTLAND AVE OUTREMONT QUE	B A 3 EX 1522
CLEMENT JOSEPH A N 5471 OXFORD ST VILLE ST LAURENT QUE	B ENG MC 4 BY 3641
CLEMENT JEAN GILLES A DAWSON COLLEGE 3507 CHAPLEAU ST MONTREAL QUE	B ENG MI 2
CLEMENTS CAROLINE M 383 CLAREMONT AVE WESTMOUNT QUE	B SC 2 EL 9819
CLEMENTS KENNETH D 441 MAYOR ST APT 4 MONTREAL QUE	B COM 4 BE 6142
CLENDENNING GARTH S 1210 PINE AVE MONTREAL QUE MAIN ROAD COMO QUE	B ENG MC 3 HA 0098
CLERK PETER ST HILAWE QUE	PARTIAL
CLERK STEPHEN ST HILAIRE QUE	B C L 2
CLERMONT YVES W 870 SHERBROOKE ST E MONTREAL QUE	M SC 1 CH 2797
CLEUGH ISOBEL WENDY 276 34TH AVE LACHINE QUE	B SC P E 2
CLEWER GEOFFREY 3581 DUROCHER ST MTL 2242 5TH AVE THREE RIVERS QUE	B ENG MC 3 HA 7778
CLIFF AUDREY J 4772 UPPER ROSLYN AVE MONTREAL QUE	B A 3 DE 5708
CLIFT DOMINIC BERNARD 288 GROSVENOR APT 1 WESTMOUNT QUE	B A 3 FI 7939
CLINCH HENRY A 1441 DRUMMOND ST MONTREAL QUE R R 4 FINNERY RD VICTORIA B C	M A 2 MA 8331
CLOUSTON JAMES MACRAE 3485 MCTAVISH ST MTL 29 BOUCHETTE ST MONTREAL QUE	MD CM 1 BE 0424
CLOUT EDWARD A 3265 BARCLAY AVE APT 8 MONTREAL QUE EAST ANGUS QUE	B ENG MC 3
CLOUTIER ALBERT MACLEOD 319 GROSUENOR AVE WESTMOUNT QUE	MD CM 3 DE 9480
CLOUTIER JOSEPH A R DAWSON COLLEGE QUE BLVD ST JOSEPH ROBERVAL COUNTY ROBERVAL	B SC 1
CLOUTIER ERIC HENRI 319 GROSVENOR AVE WESTMOUNT QUE	B C L 2 DE 9480

NAME ADDRESS	COURSE & YEAR TEL. NO.
CLYKE STANLEY A 768 WALKER AVE MONTREAL QUE	M S W 1 WI 0295
CLYNE VALENTINE DOROTHY ROYAL VICTORIA COLLEGE 445 QUEEN ST OTTAWA ONT	B A 2
COATES CLIFFORD S Y M C A DRUMMOND ST MONTREAL QUE 412 EDGEWOOD AVE OTTAWA ONT	B ENG CI 4
COBB CHARLES EDWARD VERDUN PROT HOSPITAL VERDUN QUE	MD CM 3 TR 4711
COBBAN AILEEN ANNE 4865 HARVARD AVE N D G MONTREAL QUE	B A 4 EL 8278
COBRIN REUBEN 3977 CLARKE ST MONTREAL QUE	B A 3 HA 8067
COCHRANE DONALD F 3240 MAPLEWOOD AVE APT 2 OUTREMONT QUE	B SC P E 4 AT 5918
COCKER THOMAS R 69 WOLVERLEIGH BLVD TORONTO ONT	B COM 4
COCKERAM MARY T ROYAL VICTORIA COLLEGE 8 GLENGROVE AVE W TORONTO ONT	M S W 1
COCKFIELD ALAN G M DAWSON COLLEGE 4777 VICTORIA AVE MONTREAL QUE	B ENG CI 2 EL 3795
COCKSHOTT ARTHUR B 3571 HUTCHISON ST MONTREAL QUE 469 KINGSTON CRESCENT WINNIPEG MAN	B ENG CH 4 PL 8821
CODERRE EARL W 3710 QUEEN MARY RD MONTREAL QUE	B ENG CH 4 AT 8408
CODOUNIS DIMITRIUS 6 ROOSEVELT AVE ATHENS GREECE	B A 2
COEN ELAINE E ROYAL VICTORIA COLLEGE WINDSOR NEWFOUNDLAND	B A 1
COETSEE IVAN MICHAEL DOUGLAS HALL PRETORIA SOUTH AFRICA	MD CM 3 BE 7205
COFFEY J EDWIN 3508 UNIVERSITY ST MTL MCADAM N B	MD CM 2 HA 4873
COFFEY THOMAS JAMES 47 15TH AVE PLAGE LAVAL QUE 61 OAK ST FRANKLIN N H U S A	B SC 3
COFFIN ALTHEA 18 PERRAULT AVE STE ANNE DE BELLEVUE QUE	B SC AGR 4
CONGER GERALD S 3527 LORNE AVE MONTREAL QUE 253 MC LEOD ST OTTAWA ONT	B ENG MC 3 MA 1956
COFFIN TRISTRAM EDWARD 140 GLEN AVENUE OTTAWA ONT	B S 3
COHEN ABRAHAM 2211 MAPLEWOOD AVE MONTREAL QUE	B C L 2 AT 0784

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COHEN AVRUM IRWIN 785 WISEMAN AVE APT 10 OUTREMONT QUE	B A 1 TA 1202
COHEN DAVID 4531 HUTCHISON ST MONTREAL QUE	B A 4
COHEN DAVID DANIEL 1195 CRESCENT ST 111 N WALNUT ST E ORANGE NEW JERSEY U S A	MD CM 3 PL 5747
COHEN DAVID DEREK 4332 WESTMOUNT AVE WESTMOUNT QUE	B A 2 WE 5255
COHEN DAVID F MAC DONALD COLLEGE 50 MIDDLEWAY LONDON N W 11 ENGLAND	B SC AGR 4
COHEN DOUGLAS 707 VICTORIA AVE MONTREAL QUE	B A 3 EL 9179
COHEN ESTHER FRAYDA 599 BELMONT AVE WESTMOUNT QUE	B A 3 WA 5492
COHEN IRWIN CYRIL 424A ST JOSEPH BLVD W MONTREAL QUE	B A 1 CA 8824
COHEN LAWRENCE NORMAN 705 OUTREMONT AVE APT 1 OUTREMONT QUE	B A 1 CA 4341
COHEN LESTER S 2780 WILLOWDALE MONTREAL QUE	PARTIAL AT 8898
COHEN MARGOT CARLIN 4615 COTE ST CATHERINE MONTREAL QUE	B F A 2 AT 1216
COHEN MARKI 5585 ST URBAIN ST MONTREAL QUE	B ENG MC 3 TA 3216
COHEN MARYLIN 5250 PARK AVE APT 1 MONTREAL QUE	L MUS 1 CR 6013
COHEN MYRA 3840 RIDGEVALE AVE MONTREAL QUE	PARTIAL EX 6997
COHEN RALPH 5280 ESPLANADE AVE MONTREAL QUE	B ENG CH 4 VI 3355
COHEN RALPH ARNOLD 4790 COTE DES NEIGES RD MONTREAL QUE	B C L 3 EX 5178
COHEN ROBERT DAVID DAWSON COLLEGE 721 UPPER ROSLYN AVE WESTMOUNT QUE	B ENG 1
COHEN SEYMOUR 4602 ESPLANADE AVE MONTREAL QUE	PARTIAL LA 6438
COHEN SORRYL E 710 MCEACHRAN AVE OUTREMONT QUE	M PS SC 1
COHN DOREL 6077 HUTCHISON ST MONTREAL QUE	B ARCH 2 CR 4921
COIT KATHARINE ROYAL VICTORIA COLLEGE 34 BREWSTER ST CAMBRIDGE MASS	B A 1
COKE JAMES EDWARD DAWSON COLLEGE QUE 305 STRATHEARN AVE MONTREAL WEST QUE	B ENG 1 DE 9460
COLAS EMILE J 4575 MARCIL AVE N D G MONTREAL QUE	M C L 1 EL 7850
COLAS HENRI DAWSON COLLEGE QUE 4575 MARCIL AVE MONTREAL QUE	B ENG CI 2 EL 7850
COLDWELL MARY JANE REID ROYAL VICTORIA COLLEGE 13 MAPLE STREET WHITE ROCK B C	B SC 2
COLE LESLIE J N MACDONALD COLLEGE 30 RETIREMENT CRESC X RD JAMAICA B W I	B SC AGR 3
COLE VERA O 139 PERCIVAL AVE MONTREAL WEST QUE R R 5 ROCKWOOD ONT	B S W 1 DE 9401
COLEBERRY NORAH ISOBEL 3449 PEEL ST MTL QUE DUNNVILLE ONTARIO	GR N CER 1 BE 0902
COLEBROOK DOUGLAS C 719 MELROSE AVE VERDUN QUE	B A 4 YO 7617
COLEBROOK JAMES F 719 MELROSE AVE VERDUN QUE	B A 2 YO 7617
COLEMAN DENNIS CLEEVE 3475 RIDGEWOOD AVE APT A MONTREAL QUE 3654 CREERY AVE WEST VANCOUVER B C	MD CM 2
COLEMAN RUTH C ROYAL VICTORIA COLLEGE BOX 100 NORTH HATLEY QUE	B F A 2
COLES WILLIAM RUSSELL PETERSON RESIDENCE 25TH AVE LACHINE QUE 19 GLADSTONE AVE SMITH FALLS ONT	B ENG CI 3
COLEY ANDREW 8438 QUERBES AVE MONTREAL QUE	B COM 3
COLIZZA VINCENT P 4639 HUTCHISON ST MTL 225 GEORGE STREET HAMILTON ONT	B A 3
COLLIER ANNE 64 ROSEMOUNT CRESCENT WESTMOUNT QUE	B A 4 FI 4252
COLLIER MARTIN D DAWSON COLLEGE 64 ROSEMOUNT CRESCENT WESTMOUNT QUE	B ENG 1 FI 4252
COLLIER RONALD M PETERSON RESIDENCE 28 BYNG AVE BROCKVILLE ONT	B COM 4
COLLINS FRANK L 718 HARTLAND AVE OUTREMONT QUE 514 NORTH BOSART AVE INDIANAPOLIS IND U S A	M A 2 AT 1969
COLLINS RONALD CLIFFORD 1508 MCGREGOR ST MONTREAL QUE	B COM 4 WE 8810
COLLINS ROY SAUNDERS 5209 SARANAC AVE MONTREAL QUE 11411 100TH AVE EDMONTON ALBERTA	M A 1 WA 6176
COLLINSON RUTH D MACDONALD COLLEGE BOX 131 SEELEY S BAY ONT	B SC H E 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COLMAN JOYCE G 4866 WILSON AVE N D G MONTREAL 29 QUE	B SC 2 WA 5976
COLPITTS STANLEY ROY MACDONALD COLLEGE SALISBURY N B	B SC AGR 3
COLPRON JEAN CLAUDE CENTRAL Y M C A R 1008 MONTREAL QUE 5855 BANNANTYNE AVE VERDUN QUE	B A 2 MA 4171
COLQUHOUN ROSS KEITH MACDONALD COLLEGE 150 SIXTH AVENUE VERDUN QUE	TCH INT 1
COLTER JOHN S 3537 SHUTER ST MONTREAL QUE 11033 108 ST EDMONTON ALTA	PH D 2 HA 0053
COLTON CHARLES MARTIN 1241 ST MARC ST APT 3 MONTREAL QUE	B COM 2 WE 3375
COMMON SHEILA JANE MACDONALD COLLEGE 584 LANSDOWNE AVE WESTMOUNT QUE	HOMEMAKE 1
COMMON WILLIAM JOHN 584 LANSDOWNE AVE WESTMOUNT QUE	B C L 2 EL 0205
COMTOIS DELPHIS R 1205 MACKAY ST APT 3 MONTREAL QUE 155 MAIN EAST HAWKESBURY ONT	B SC 3* HA 5002
CONLEY ALAN M PETERSON RESIDENCE 25TH AVE LACHINE QUE 485 MC LEOD ST OTTAWA ONT	B ENG MC 4
CONN JOHN JASPAR 483 ELM AVE WESTMOUNT QUE 2809 WEST 33RD AVE VANCOUVER B C	PH D 2 WE 6418
CONNOLLY ALBERT DESMOND 905 40TH AVENUE LACHINE QUE	B C L 1
CONNOLLY ANNE STUART 695 GROSVENOR AVE WESTMOUNT QUE	B A 1 EL 4500
CONRAD JAMES RALPH 5369 EARNSCLIFFE AVE N D G MONTREAL QUE	B ENG CH 3 EL 2183
CONRAD SHIRLEY ANNE 5369 EARNSCLIFFE AVE MONTREAL QUE	B SC 2 EL 2183
CONRATH JOSEPH JOHN 5634 QUEEN MARY RD HAMPSTEAD QUE	M ENG 1 EL 8060
CONROY JAMES F 9 ST PETER ST STE ANNE DE BELLEVUE	B SC AGR 4
CONROY KENNETH E J 426 SHERBROOKE ST MONTREAL QUE 13 JAVA ST OTTAWA ONT	B ENG CH 4
CONROY MARGARET ANN 31 HOLTON AVE MONTREAL 6 QUE	B A 3 WE 5162
CONSIGLIO CAROLYN EMILY 3511 HUTCHISON APT 2 MONTREAL QUE	B A 1 MA 5412
CONSTABLE PETER MC MASTERVILLE QUE	B COM 1
CONSTANT LOLA 4955 ISABELLA AVE MONTREAL QUE	B A 3 AT 3693
CONSTANT MIRIAM 4955 ISABELLA AVE MONTREAL QUE	B A 3 AT 3693
CONSTANTINE EDITH C 2029 BARCLAY AVE MONTREAL QUE	B A 1 AT 9154
CONSTANTINE JAY WINFRED 346 GROSVENOR AVE MONTREAL QUE 600 WEST 183 ST NEW YORK CITY N Y	B SC 3 WA 4934
COTE GABRIELLE DOLORES 5302 VICTORIA AVE APT 2 MONTREAL QUE	B N 2 AT 9711
CONWAY ALFRED D 4878 WILSON AVE N D G MONTREAL QUE	B ARCH 3 EL 4123
COOK ANTHONY I DAWSON COLLEGE QUE 3360 RIDGEWOOD MONTREAL QUE	B ENG 2
COOK JOHN FRANCIS DAWSON COLLEGE ST JOHNS QUE	B ARCH 1
COOK PAMELA OLWEN 4852 WILSON AVE N D G MONTREAL QUE	B A 3 DE 0377
COOK STEPHEN HILTON PETERSON RESIDENCE 146 SHIRLEY STREET HALIFAX N S	B SC P E 4
COOK WILLIAM RAYMOND 66 PAGNUELO AVE OUTREMONT QUE	B COM 2 TA 5395
COOKE JOHN DOUGLAS 694 BEATTY AVE VERDUN QUE	B SC P E 2 TR 2317
COOKE JOHN WILLIAM 3581 HUTCHISON ST MONTREAL QUE 73 CLIFF ST YARMOUTH N S	B ARCH 2 HA 5807
COOKE ROBERT W 1417 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	PARTIAL EX 2325
COOKSON DOROTHY M E 4583 PARTHENAIS ST MONTREAL QUE	B SC 1 CH 6821
COOMBES WALTER E 2112 CLAREMONT AVE APT 32 N D G MTL QUE	H SCH DI 5 EL 6052
COOPER AUDREY LOUISE 63 BRUCE AVE WESTMOUNT QUE	B A 2 WI 0783
COOPER BERNARD AARON 32 SPRINGFIELD AVE WESTMOUNT QUE	MD CM 1 EL 1579
COOPER CYRIL JAMES 43 CHURCH AVE VERDUN QUE	MUS QUAL 1 FI 4855
COOPER GERALD ERNEST 1034 SHERBROOKE ST W MONTREAL 2 QUE	M SC 1 MA 9094
COOPER NORMA ALICE 5364 SNOWDON AVENUE N D G MONTREAL QUE	B A 4 EL 4063

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COOPER ROSS MALCOLM 5364 SNOWDON AVE N D G MONTREAL QUE	M ENG 2 EL 4063
COOPER STANLEY R VALLEYFIELD QUE	B ENG CI 3
COOPER THOMAS H S 3 FORDEN AVE WESTMOUNT QUE	B ENG MC 4 WE 4690
COOPERBERG ABRAHAM A MICHAEL REESE HOSPITAL CHICAGO U S A 4831 ISABELLA AVE MONTREAL QUE	MED DIPL 4 AT 2505
COPLAND ROBERT 48 PRICE ST KENOGAMI QUE	L MUS 3
COPNICK ALLEN GERALD 6242 DE VIMY AVE MONTREAL QUE	B COM 1 AT 3511
CORBEIL NANCY CLAIRE ROYAL VICTORIA COLLEGE 83 LURRAY AVE QUEBEC QUE	B A 3
CORBETT MERWIN KENNETH MACDONALD COLLEGE 8 TOR STREET TRURO NOVA SCOTIA	B SC AGR 4
CORBETT WENDELL O 16 ST GEORGES ST ST ANNE DE BELLEVUE QUE TRURO N S	B SC AGR 4
CORDEAU FRANCOISE 354 OUTREMONT AVE OUTREMONT QUE	PARTIAL CA 7811
CORDERO OLMAN 632 BELMONT AVE WESTMOUNT QUE HEREDIA COSTA RICA	B ENG CI 3
COREJ JOHN 1648 ST DOMINIQUE ST MONTREAL QUE	B ENG CI 3
COREY EARL E C H 5909A PARK AVE MONTREAL QUE	M A 2 CR 7241
COREY IRVING ROSS 7023 MARQUETTE ST APT 2 MONTREAL QUE BEEBE QUE	B ENG ME 4 TA 4804
COREY JOHN STUART 3421 DRUMMOND ST MONTREAL QUE PETITCODIAC WEST CO N B	B COM 3 LA 0950
CORISH MARY J 206 MERTON AVE ST LAMBERT QUE	L MUS 2
CORLEY NORA T 703 ROSLYN AVE WESTMOUNT QUE	B A 3 EL 6766
CORMIER PIERRE 837 DUNLOP AVE OUTREMONT QUE	B ENG CI 4 AT 5347
CORN HARVEY ALLEN 5347 BRODEUR AVE MONTREAL QUE	B A 1 EL 5679
CORNELL EARL TERRY 505 RIVERSIDE DRIVE ST LAMBERT QUE	B ENG CI 4
CORNELL RUSSELL WILLIAM 5752 12TH AVENUE ROSEMOUNT MTL 36 QUE	B ENG EL 4
CORNER JOAN MARION 2055 LINCOLN AVE MONTREAL QUE	B SC P E 2 WE 2955

NAME ADDRESS	COURSE & YEAR TEL. NO.
CORRIGAN HAROLD C 50 ACADEMY RD WESTMOUNT QUE	B COM 4 FI 8768
CORRIVEAU VINCENT P 2044 METCALFE ST MONTREAL QUE C P 596 MALARTIC ABITIBI QUE	B ENG CI 3 LA 0471
CORRIGAN ALBERT L BILLINGS BRIDGE ONT	B ENG CI 3
COSFORD EDWIN JOSEPH 3940 COTE DES NEIGES RD MONTREAL QUE	B C L 1 FI 9504
COSLETT GEORGE ALBERT 3541 SHUTER ST MONTREAL QUE 600 ST MARKS ST FORT WILLIAM ONT	B ENG MC 3 MA 9504
COSSACK WILLIAM 3476 SHUTER ST MONTREAL QUE	B COM 4 BE 0289
COSSETTE JEAN WILFRID DAWSON COLLEGE 18 LORNE AVE ST LAMBERT QUE	B ENG MC 2
COSTELLO JOHN EARL 843 OUTREMONT AVE OUTREMONT QUE	B COM 3 CA 1549
COSTELLO STEPHEN D 3288 ST ANTOINE ST MONTREAL QUE	B SC 4 WI 4381
COTTER GERARD EDWARD 375 OLIVIER AVE WESTMOUNT QUE	B ENG MC 3 WI 4710
COTTER MARJORIE MACDONALD COLLEGE 726 PARKDALE AVE OTTAWA ONT	B SC H E 2
COTTINGHAM WALTER S 26 RICHELIEU PLACE MONTREAL QUE	B COM 4 PL 6665
COUGHLAN IAN LOUIS DAWSON COLLEGE 13 HINTON AVE MONTREAL 5 QUE	B SC 2
COULDWELL WILLIAM JOHN 3581 UNIVERSITY ST MTL 2041 GRAY AVE NEW WEST B C	MD CM 4 MA 3542
COULSON FREDERICK B MACDONALD COLLEGE LA GABELLE QUE	B SC AGR 2
COULTHURST PETER H MACDONALD COLLEGE STOKE ON TRENT ENGLAND	B SC AGR 4
COUPLAND DOUGLAS CHARLES DOUGLAS HALL 243 MCLEOD STREET OTTAWA ONT	D D S 3
COUPLAND JAMES GEORGE DOUGLAS HALL 243 MCLEOD ST OTTAWA ONTARIO	D D S 1
COUREY EMILE JOHN 720 PRATT AVE OUTREMONT QUE	B COM 4 AT 6701
COUREY NORMAN GEORGE 3419 STANLEY ST MONTREAL QUE 68 MEIGS ST FARNHAM QUE	B SC 3 PL 9865
COUROPOULOS PETER 550 CLAREMONT AVE MONTREAL QUE	B A 4 EL 4788

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COURTEAU J GUY 3877 VAN HORNE AVENUE MONTREAL QUE	B C L 2 AT 4595
COURTIS SHIRLEY 1808 DUNKIRK ROAD TOWN OF MOUNT ROYAL QUE	B A 3 EX 4626
COUSINEAU DAMASE G 8134 ST DOMINIQUE ST MONTREAL QUE	B COM 3 DU 6236
COUSINEAU GEORGES A DAWSON COLLEGE 142 ST ANNE ST STE ANNE DE BELLEVUE QUE	B ENG 1
COUSINS ELIZABETH MARY 4755 MERIDIAN AVE MONTREAL QUE	B A 1 WA 6167
COUTURE BENOIT ERNEST 5723 DRAKE ST MONTREAL QUE 65 SMITH STREET THETFORD MINES QUE	B COM 1
COUTURE JEAN CLAUDE 92 NOTRE DAME ST HULL QUE	B COM 2
COUTURE REAL 4087 DE LORIMIER AVE MONTREAL QUE	B COM 4 FA 3168
COUTURE WALTER HENRY 439 GROSVENOR AVE WESTMOUNT QUE 610 PRENDERGAST AVE JAMESTOWN N Y U S A	B A 4 EL 0283
COVO PETER V 1462 GUY ST MONTREAL QUE	M ENG 1
COWAN JOHN PARDEE 3434 MCTAVISH ST MONTREAL QUE 262 N VIDAL ST SARNIA ONT	B COM 3 PL 4492
COWLEY GEORGE A 3605 UNIVERSITY ST MONTREAL QUE 404 LAURIER AVE E OTTAWA ONT	B A 3 LA 0643
COWLING ELIZABETH AMY 1 BELFRAGE RD WESTMOUNT QUE	B A 1 EL 6668
COWPER MARY BETH 508 PRINCE ALBERT AVE MONTREAL QUE HUDSON QUE	B A 2 WA 7949
COX LORNE WILLIAM 7430 MOUNT AVENUE MONTREAL 16 QUE	B COM 1 EX 3332
COX MARIE SIMONE G ROYAL VICTORIA COLLEGE C O FRASER BRACE HAURE ST PIERRE QUE	B A 2
COX PHOEBE L 3430 MACTAVISH ST APT 202 MTL 2 QUE 12 MONTGOMERY AVE HOLYOKE MASS U S A	PH D 3 HA 7093
COX RICHARD ED G WILSON HALL C O FRASER BRACE ENG CO HAVRE ST PIERRE QUE	B ENG AM 3
CRAIB JOSEPH STODDART 3508 A PARK AVE MTL 1543 JEFFERSON W VANCOUVER B C	D D S 4 BE 8110
CRAIG ALVIN ANDREW DAWSON COLLEGE QUE FOLEYET ONT	B SC 1
CRAIG CHARLES R MACDONALD COLLEGE 7 ROCKLIFFE WAY OTTAWA ONT	B SC AGR 3
CRAIG CYRIL 6082 SOMERLED AVE N D G MONTREAL QUE	B ENG CH 4 EL 1278
CRAIG LOIS MARGARET 51 WOLSELEY AVE MONTREAL WEST QUE	B A 4 WA 4267
CRAIG WILLIAM T 5145 EARNSCLIFFE AVE MONTREAL QUE	GRAD QUA 1 EL 1662
CRAIG WOODHAM T HUDSON HEIGHTS QUE	B A 2
CRAIGWELL VIVIAN W C DAWSON COLLEGE ST JOHNS QUE	B ENG 1
CRAIN GEOFFREY ROWAN DAWSON COLLEGE 544 PICCADILLY AVE OTTAWA ONT	B ENG 1
CRAM EBEN JOHN 85 7TH AVE VILLE LASALLE QUE	B A 1 TR 2912
CRAM ELIZABETH R ROYAL VICTORIA COLLEGE 274 SECOND AVE OTTAWA ONT	B A 4
CRAN CLARE ELISE 3550 PEEL ST APT 22 MONTREAL QUE	B SC P E 1 MA 9097
CRANE JOHN A 181 WILLOWDALE AVE MONTREAL QUE	M S W 2
CRANSTOUN GERALD BRUCE 1511A CRESCENT ST MONTREAL 2570 CORNWALL ST VANCOUVER B C	D D S 3
CRANSTON THOMAS RUSSELL 456 PINE AVE APT 31 MTL 3129 RETALLACK ST REGINA SASKATCHEWAN	MD CM 1 PL 7088
CRASHLEY DORIS MAE ROYAL VICTORIA COLLEGE OAKVILLE ONT	B A 3
CRAWFORD ALLAN E MACDONALD COLLEGE 43 WAVERLEY RD POINTE CLAIRE QUE	B SC AGR 4
CRAWFORD CHARLES BRUCE DAWSON COLLEGE 1 CLARENDON AVE APT 301 TORONTO ONT	B ENG CH 2
CRAWFORD EDITH M MACDONALD COLLEGE 46 MONTREAL ST SHERBROOKE QUE	B SC H E 2
CRAWFORD EDWARD WATSON 615 43RD AVE LACHINE 622 W 32 MILE RD ROMEO MICHIGAN U S A	MD CM 2
CRAWFORD JUDITH ROYAL VICTORIA COLLEGE 1 CLARENDON AVE APT 301 TORONTO ONT	B SC 2
CRAWFORD ROBERT F WILSON HALL 946 VESTAL AVE BINGHAMTON N Y U S A	B SC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CRAYMER WILLIAM JAMES 3485 MCTAVISH ST MONTREAL QUE BRACE BRIDGE ONT	B SC 4 BE 0924
CREAK ELIZABETH ROYAL VICTORIA COLLEGE HILL HOUSE HAMPTON LUCY WARWICK ENGLAND	B COM 1
CREAM ROBERT JOHN DAWSON COLLEGE 17 LEMESURIER AVE QUEBEC CITY QUE	B ENG CH 2
CREAMER GEORGE B CHATEAUGUAY STATION CHATEAUGUAY QUE 1430 MIDLAND AVE SYRACUSE 5 N Y U S A	PH D 3
CREASOR JOHN B 4724 VICTORIA AVE MONTREAL QUE	B COM 3 WA 6582
CREERY TIMOTHY WILLIAM DOUGLAS HALL 35 MACKAY ST OTTAWA ONT	B A 4
CREIGHTON DENTON D 39 BARAT RD WESTMOUNT QUE	B COM 3 FI 5189
CREIGHTON PHYLLIS 3492 PEEL ST MONTREAL QUE 508A BLOOMFIELD AVE CALDWELL N J	M A 2 PL 7362
CREIGHTON WILLIAM G 3496 MARLOWE AVE MONTREAL QUE	PARTIAL EL 5674
CREPEAU JOHN B 690 SHERBROOKE ST W MONTREAL QUE 607 CUMBERLAND ST W OTTAWA ONT	B C L 3 LA 2244
CRESTOHL HARVEY 1755 DUCHARME AVE OUTREMONT QUE	B A 1 AT 5431
CROBER LYALL GORDON MACDONALD COLLEGE MORRISBURG ONT	B SC AGR 2
CROLL MARY JOAN 241 LAZARD AVE TOWN OF MOUNT ROYAL	B SC P E 3 AT 7942
CROMARTY RAYMOND 247 MONTREAL EAST BLVD MONTREAL EAST QUE	MD CM 1
CROMBIE ANN GREENOUGH 759 LANSDOWNE AVE WESTMOUNT QUE	B SC P E 1 EL 3107
CROMBIE DAVID DEREK 759 LANSDOWNE AVE WESTMOUNT QUE	B SC 3
CRON BENJAMIN F 5325 HUTCHISON ST MONTREAL QUE 132 INTERVALE ST ROXBURY 21 MASS U S A	B SC 4 CR 8150
CRONIN JOHN LEO JR 3561 HUTCHINSON MTL 22 SAHONSTALL ROAD HAVERHILL MASS U S A	MD CM 1 LA 0564
CRONIN ROBERT FRANCIS P 3517 HUTCHISON ST MTL LAMBERT RD NEW CANAAN CONN U S A	MD CM 1 PL 6905
CRONYN MARGARET C 784 UPPER BELMONT AVE WESTMOUNT QUE	B SC 2 EL 9181
CROSS ALEXANDER G 434 CLARKE AVE WESTMOUNT QUE	B COM 1 FI 2547
CROSS ALEXANDRA S ROYAL VICTORIA COLLEGE 245 GODDARD AVE BROOKLINE MASS U S A	B A 4
CROSS JOHN PATRICK 137 TARA HALL AVE 31 SWEETLAND AVE OTTAWA ONT	MD CM 2 LA 5358
CROSS PATRICIA MARY 533 BERWICK AVE TOWN OF MOUNT ROYAL QUE DRAWER 550 SOUTH PORCUPINE ONT	B SC 1 AT 9394
CROSSON PAUL RYERSON 3609 UNIVERSITY ST READLYN SASK	D D S 3 LA 6307
CROUCH RICHARD KEITH C 3536 ADDINGTON AVE MTL 83 VICTORIA STREET LONDON ONTARIO	B L S 1
CROWE ETTA LUCILLE 542 SHERBROOKE ST WMTL 1734 SILLS ST FORT WILLIAM ONT	PHYSIOTH 3 BE 0318
CROWELL DOUGLAS ETHAN 5435 LAFOND ST ROSEMOUNT MONTREAL QUE	B A 1 FA 1290
CROWE JAMES A 89 MILTON ST W MTL 1734 SILLS ST FORT WILLIAM ONT	B ENG CH 4 LA 9915
CROWELL AUDREY J 5435 LAFOND ST ROSEMOUNT MONTREAL QUE	L MUS 1 FA 1290
CROWELL CLARENCE ROBERT 5435 LAFOND ST ROSEMOUNT MONTREAL QUE	M SC 1 FA 1290
CROWLEY FRANCIS AUGOSTIN 3022 STANTOINE ST MONTREAL QUE	D D S 3 WE 6362
CUEVAS HUGO DAWSON COLLEGE AVENIDA 5 A 20 13 CALI COLOMBIA S A	B ENG 1
CUEVAS MIREYA ROYAL VICTORIA COLLEGE AVENIDA 5A 20 13 CALI COLOMBIA	B SC 1
CULLEN LEO COMRA 2308 MELROSE AVE N D G MONTREAL R R 1 ROYAL OAK V I B C	B A 3 DE 6407
CUMMINGS JOHN ALEXANDER 1098 ALLARD ST VERDUN QUE ORANGEVILLE ONT	H SCH DI 5
CUNNINGHAM ALAN E S 4808 MELROSE AVE 4808 MELROSE AVE N D G MONTREAL QUE MONTREAL QUE	B COM 4 EL 6154 EL 6154
CUNNINGHAM BARBARA 480 MOUNTAIN AVE WESTMOUNT QUE	B A 1 WI 4648
CUNNINGHAM GRAHAM S 275 TRENTON AVE TOWN OF MOUNT ROYAL QUE	B ENG MC 4 AT 4016
CUNNINGHAM BRUCE H 2158 ADDINGTON AVE N D G MONTREAL QUE	B SC 2 DE 2935

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CUNNINGHAM JOHN M 4808 MELROSE AVE N D G MONTREAL QUE	B COM 1 EL 6154
CUNNINGHAM JEAN LINDSAY 555 SHERBROOKE ST W MONTREAL QUE 451 ECHO DRIVE OTTAWA ONT	PHYSIOTH 2
CUNNINGHAM MARJORIE 480 MOUNTAIN AVE WESTMOUNT QUE	B A 2 WI 4648
CUNNINGHAM ROBERTA JANE 505 PINE AVE W MONTREAL 2708 ADANAC ST VANCOUVER B C	B N 1 MA 3479
CUPPLES JAMES FREELAND B 25 BURTON AVE MTL 2833 DUFFERIER AVE VICTORIA B C	MD CM 3 WA 4033
CURETON EDWARD ALLAN DOUGLAS HALL 47 SANDSBROOK RD AINSDALE SOUTHPORT ENG	B A 3
CURL ALPHA DELMOUR 5306 DELORIMIER AVE MONTREAL 34 QUE	B ENG CH 3
CURLEY JOHN HENRY 905 PRATT AVE OUTREMONT QUE	B A 2 EX 1523
CURRAN GILBERT J 4094 WESTHILL AVE MONTREAL QUE	B ENG CI 4 EL 9418
CURRAN ROMANUS JAMES 240 MONKLAND BLVD VILLE ST LAURENT QUE	B C L 3 BY 1382
CURRIE DONALD F DAWSON COLLEGE 4648 MARCIL AVE N D G MONTREAL QUE	B ENG MC 2 EL 2901
CURRIE DONALD JOHN 1245 REDPATH CRES MTL 122 ALEXANDRA BLVD TORONTO 12 ONT	M S 1 HA 0950
CURRIE DONALD WILLIAM 4360 GRAND BLVD APT 3 MONTREAL QUE 11 ESTELLE APTS WINNIPEG MAN	B A 4 WA 9732
CURRIE FRANCES LOUISA 3 ROXBOROUGH AVE WESTMOUNT QUE	B A 3 EL 5636
CURRIE GEORGE N M 3 ROXBOROUGH AVE WESTMOUNT QUE	B ENG MC 3
CURRIE JANE FRANCES 3400 RIDGEWOOD AVE NO 36 MONTREAL 26 QUEBEC	B SC P E 2 AT 0614
CURRIE MARY ANNE 3 ROXBOROUGH AVE WESTMOUNT QUE	B A 1 EL 5036
CURRIE ROBERT ALBERT 2097 ST LUKE ST 3 MONTREAL QUE	M A 1 WI 6030
CURRIER JAMES W R MACDONALD COLLEGE R R 2 BILLINGS BRIDGE ONT	B SC AGR 2
CURRY LYDIA DOREEN 3345 BARCLAY MONTREAL QUE SHEHO SASK	B SC 4
CURTIS GEORGE B 44 CRAIGMILLER AVE ST JOHNS NFLD	D D S 1
CURTIS ROSS HAMILTON 47 HOLTON AVE WESTMOUNT QUE 11437 123RD ST EDMONTON ALTA	B ENG EL 4 FE 6823
CURTIS ROBERT ST A 5830 COTE ST LUKE MONTREAL QUE	B A 1
CUTCLIFFE JACK A MACDONALD COLLEGE FREDERICTON P E I	B SC AGR 2
CUTLER PERSIS ANN MACDONALD COLLEGE KERR ADDISON MINE VIRGINIATOWN ONT	B SC H E 1
CUTTLE DOROTHY JOAN 54 FINCHLEY RD HAMPSTEAD QUE	B SC 2 WA 5237
CUTTLE JAMES A 758 LEXINGTON AVE WESTMOUNT QUE 1100 GREENWOOD AVE WILMETTE ILLINOIS U S A	B SC 4 WA 1545
CYNBERG ROZA SENNEVILLE H AND O CENTR SENNEVILLE QUE	B A 2
CYR JEAN GUY 96 FRECHETTE AVE PLAGE LAVAL QUE	B COM 2
CZAPLINSKI Z J WILSON HALL QUE 130 RUA BAMBINA RIO DE JANEIRO BRAZIL	B ENG CH 4

D

DACCORD JACQUES E DAWSON COLLEGE 5227 GLOBERT AVE MONTREAL QUE	B ENG 1
DA COSTA TREVOR E B 18 RETIREMENT CRESCENT CROSS ROADS P O JAMAICA	B SC AGR 1
D AIGLE LOMER J 2046 ST LAWRENCE BLVD MONTREAL QUE 156 HARDING BLVD TORONTO ONT	B SC 4
DALE ALBERT DOUGLAS 69 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE NEEPAWA MAN	MD CM 1 AT 9096
DALE FRANCES M C 1183 HOPE AVE APT 1 MONTREAL QUE	M A 2 WE 1390
DALE JOHN PETER BLYTHMAN HERBERT REDDY MEM HOSP 2346 W 1ST AVE VANCOUVER B C	MD CM 4
DALEY BARBARA ANNE MACDONALD COLLEGE CLARKSON ONT	B SC AGR 2
D ALLAIRE CLAUDE L W J 6724 DUMAS ST MONTREAL QUE	B A 1 TR 4865
D ALLEMAGNE ANDRE A L 335 BERWICK AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 4015

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DALMA PEDRO L DAWSON COLLEGE AUGUSTO RODIU 38 MIXCOAC D F MEXICO	B ENG 1
D ALMADA REMEDIOS A 1441 DRUMMOND ST MTL 6 PEACE AVE KOWLOON HONGKONG	MD CM 1
DAMECOUR CHARLES 180 JEAN TALON ST E MONTREAL QUE	M ENG 3 CR 2098
DONATI IRIS YOLANDA 1483 ATWATER AVE APT 1 MONTREAL QUE	B A 1 WE 2317
D ANDRADE MANUEL JOS DAWSON COLLEGE 88 LALUNI ST GEORGETOWN 6 BRITISH GUI	B ENG C'I 2
DANIEL BRUCE HUELIN 4974 CONNAUGHT AVE N D G MONTREAL QUE	B SC 3
DANIELS PETER 3538 HUTCHISON ST MONTREAL QUE 22 LIVINGSTON ST BINGHAMTON N Y U S A	B SC 4 MA 7827
DARABANER SORYL B 5101 LACOMBE AVE MONTREAL QUE	B SC 3 EX 3017
DARLINGTON WALTER A 2112 CLAREMONT AVE APT 9 N D G MONTREAL QUE	PH D 1 DE 5980
DARRAGH JAMES HILTON ROYAL VICTORIA HOSPITAL 4157 HAMPTON AVE MONTREAL 28 N D G QUE	MED DIPL 1 PL 1251
DARRELL MCPHEE GLORIA 484 PRINCE ARTHUR W MONTREAL P O BOX 53 NASSUA BAHAMAS	M SC 1 BE 7230
DASYLVA NORMAND PETER G 5136 7TH AVE MONTREAL 36 QUE	B SC 3 CH 5383
DAUK CAROLINE S ANNAHEIM SASK	GR N CER 1
DAVIDSON OLIVE MARGARET ROYAL VICTORIA COLLEGE FAIRWAY MONTEGO BAY JAMAICA B W I	B COM 2
DAVIDSON WILLARD C MACDONALD COLLEGE 145 ARLINGTON AVE OTTAWA ONT	B SC AGR 2
DAVIE THOMAS F DAWSON COLLEGE 1414 BELLEVUE AVE SYRACUSE N Y U S A	B SC 2
DAVIES KENNETH WALLACE 590 24TH AVE LACHINE QUE	B ENG MC 4
DAVIES LOIS EILEEN HERBERT REDDY MEM HOSP WESTMOUNT QUE 229 SYMINGTON AVE TORONTO ONTARIO	MED DIPL 3
DAVIS BAIRD SPENCE 6830 SOMERLED AVE N D G MONTREAL QUE	B COM 4 WA 6830
DAVIS BERNARD ALLAN 4968 DORNAL AVE MONTREAL QUE	MD CM 1 EX 1805
DAVIS CECILIA JOAN 1463 BISHOP APT C1 MONTREAL QUE	B A 1 HA 4970
DAVIS EDWARD 5382 GROVE HILL PLACE N D G MONTREAL QUE	B A 3 DE 0932
DAVIS FREDERICK HEUSTON 4915 COTE ST CATHERINE APT 1 MONTREAL QUE	MED DIPL 4 EX 3890
DAVIS GORDON R F 35 PARKDALE AVE VALOIS QUE	PH D 2
DAVIS HUDSON HOLLETT 3473 UNIVERSITY ST MONTREAL QUE CATALINA NEWFOUNDLAND	B A 4
DAVIS JOHN FREDERICK 1453 KINKORA AVENUE MONTREAL QUE	MD CM 4 BE 7772
DAVIS MARTIN ARNOLD 5553 QUEEN MARY RD MONTREAL QUE	B SC 3 EL 7652
DAVIS NORMAN ROBERT 633 VICTORIA AVE WESTMOUNT QUE	B COM 2 WA 4224
DAVIS PATRICIA E W ROYAL VICTORIA COLLEGE 1118 STANLEY ST NELSON B C	B A 4
DAVIS WILTON WALLACE 6226 MONKLAND AVE N D G MONTREAL QUE	B ENG MC 4 EL 4149
DAWSON BARBARA ANNE 78 SOMERVILLE AVE WESTMOUNT QUE	B SC P E 3 DE 6133
DAWSON ELIZABETH S ROYAL VICTORIA COLLEGE 79 WELLINGTON ST SOUTH SHERBROOKE QUE	L MUS 3
DAWSON FREDERICK A 1245 OUIMET ST APT 30 VILLE ST LAURENT QUE	B ARCH 5
DAWSON MARY C MACDONALD COLLEGE ORMSTOWN QUE	TCH ELEM 1
DAWSON SHEILA POWELL ROYAL VICTORIA COLLEGE 803 SILICA ST NELSON B C	B A 4
DAWSON THORBURN FINDLAY 822 DOLLARD AVE OUTREMONT QUE DANVILLE QUE	B ENG EL 3 CR 0739
DAWSON WENDY ELIZABETH 4326 SHERBROOKE W APT 28 WESTMOUNT QUE	PHYSIOTH 2 FI 7993
DAYMAN EARL W 506 PINE AVE MTL 114 PARK AVE E DUNNVILLE ONT	B SC 4 BE 8026
DEACON DOROTHY E MACDONALD COLLEGE 50 WARREN ST LENNOXVILLE QUE	B SC H E 1
DEACON WILLIAM 592 EMERGENCY SHELTER ST PAUL L ERMITE 66 PARKHURST BLVD TORONTO 17 ONT	L MUS 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DEAKIN ERIC 188 GILBERT AVE TORONTO ONT	B SC 4
DEAN RICHARD E MACDONALD COLLEGE PHILIPSBURG QUE	PARTIAL
DEANS SIDNEY A V 5405 FOURTH AVE ROSEMOUNT MONTREAL QUE	PARTIAL CH 5058
DEAVITT RUTH MACDONALD COLLEGE 141 RENFREW ST PEMBROKE ONT	B SC H E 1
DE BERRY ROBERT B 441 MAYOR ST APT 17 MONTREAL QUE	B COM 2 LA 9563
DEBLY JOHN PETER 4560 RIGDEVALE AVE MONTREAL QUE	MED DIPL 2
DE CELLES WILLIAM R MACDONALD COLLEGE 438 VICTORIA AVE WESTMOUNT QUE	B SC AGR 4
DI CICCO RALPH JAMES 7260 2ND AVE ROSEMOUNT MONTREAL QUE GRAND FALLS N B	B ENG MC 3
DAWSON ARTHUR DOUGLAS 14 BELLEVUE AVE WESTMOUNT QUE	B SC 2 DE 5323
DECKER JOSEPH E PETERSON RESIDENCE 25TH AVE LACHINE QUE	M A 1
DEEKS NORMAN GARTH 5409 GROVEHILL PL N D G MONTREAL QUE	B COM 3 WA 6685
DEELEY DOROTHY JEAN ROYAL VICTORIA COLLEGE 101 COULSTON AVE ASBESTOS QUE	B A 3
DEFENT PETER 5025 SHERBROOKE ST W MONTREAL QUE BOX 153 BEACHVILLE ONT	B ENG MC 3
DE FRANCIS FELIX 6288 ST DOMINIQUE ST MONTREAL QUE	B ENG EL 3 CR 6715
DEFRIES KYRA 3535 CARLETON ROAD MONTREAL QUE	B SC 2 PL 5980
DE GAST ADRIAN ANTON 5095 HAMPTON AVE N D G MONTREAL 28 QUE 370 SOUTH CHRISTINA ST SARNIA ONT	B ENG MI 3 EL 6328
DE GAST MARCUS A 85 QUEEN ST KINGSTONE ONT	B ENG MC 4
DE GUISE JEAN 670 HARTLAND AVE OUTREMONT QUE	B ENG MC 4 AT 4689
DEITCH MAXWELL JEROME 5577 CLARK ST MONTREAL QUE	B ENG EL 3 TO 1292
DEITCHER SAMUEL 1660 VAN HORNE AVE MONTREAL QUE	B A 3 GR 4658
DEIURE GIOVANNI 6968 HUTCHISON ST MONTREAL QUE	B A 1
DE JONG JOHN DAVID 5201 MUSSET AVE MONTREAL 29 QUE	MD CM 4 WA 3339
DEKERGOLAY ROLAND M H DOUGLAS HALL 74 AVE PAUL DORNER PARIS FRANCE	B COM 4
DE LA DURANTAYE RENEE M ROYAL VICTORIA HOSPITAL 3895 MAPLEWOOD AVE APT 4 MONTREAL QUE	PARTIAL WA 0318
DE LAET CHRISTIAN H D 5903 MC LYNN AVE MONTREAL 28 QUE 23 RUE AUGUSTIN DALPORTE BRUXELLES BELGIUM	B ENG MC 3
DELAHEY RUTH L MACDONALD COLLEGE 4555 OLD ORCHARD AVE MONTREAL QUE	B SC H E 4
DELAND ANDRE NORMAND 318 LAURIER ST ST JOHNS QUE	B SC 3
DELANEY JOSEPH ALLISON 8566 CHAMPAGNEUR AVE MONTREAL QUE	B ENG 3 CA 2600
DEL CAMPO DIEGO R M TEMISTOCLES 122 MEXICO CITY	B ENG CH 3
DELICAET PAUL JOHN 4620 PATRICIA AVE N D G MONTREAL QUE	B ENG MC 3 DE 0998
DELISLE PAUL MARCEL 5732 SOMERLED AVE APT 5 N D G MONTREAL QUE 845 ST GENEVIEVE ST THREE RIVERS QUE	B COM 1 DE 2248
DELISLE JOS HENRI JEAN 5271 COTE ST PAUL ROAD MONTREAL QUE	B COM 1 WI 1019
DELORY JOHN HODGSON PRESBYTERIAN COLLEGE GEORGETOWN P E	B ENG EL 3
DEMERS JEAN ROBERT 3500 KENT AVE MONTREAL QUE	B ENG CI 4 AT 3687
DEMERS PIERRE DAWSON COLLEGE 10772 ST DENIS ST MONTREAL 12 QUE	B ENG EL 2 DU 4647
DEMETELIN CHRISTOPHER 944 CATHEDRAL ST MONTREAL 3 QUE	B SC 3 HA 6528
DENIGER LUCIEN R MACDONALD COLLEGE QUE	B SC AGR 4
DENMAN ALLAN LEONARD DAWSON COLLEGE QUE 788 WILDER AVE OUTREMONT QUE	B SC 1 AT 3073
DENMAN DOUGLAS REX 227 KENSINGTON AVE WESTMOUNT QUE	B ENG CI 3 WE 4559
DENMAN NORRIS SYDNEY 708 COTE ST CATHERINE RD MONTREAL QUE	B SC 2 AT 1736
DENNETT MILFORD H 3647 UNIVERSITY ST MONTREAL QUE PLYMPTON MASS	B SC 3 MA 2806
DENNIS DONALD A J 27 4TH AVENUE VILLE ST PIERRE QUE	B SC 4 WA 5290

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DENOVAN WILLIAM GORDON 840 MCEACHRAN AVENUE OUTREMONT QUE	D D S 3 CR 4401
DENSMORE ARTHUR A 3668 DUROCHER ST APT 3 MONTREAL QUE 4519 48TH AVE S RED DEER ALBERTA	M SC 1 LA 2305
DENTON DAPHNE FLORENCE S 4870 COTE DES NEIGES RD MONTREAL QUE	MD CM 1 EX 3805
DENTON GEORGE D 487 MILTON ST MONTREAL QUE 98 MAIN ST WOLFVILLE N S	MED DIPL 3 LA 5891
DE ROMER HENRY 4166 SHERBROOKE ST WESTMOUNT QUE	B A 2 WE 0454
DEROUIN GERALD J 3571 HUTCHISON ST MTL 80 CARRUTHERS ST OTTAWA ONT	B ENG CH 4
DE ST CROIX MARY B 2334 HAMPTON AVE N D G MONTREAL 28 QUE	PARTIAL WA 5992
DESAULNIERS JAQQUES V G DAWSON COLLEGE QUE 554 DAVAAR AVE OUTREMONT QUE	B ENG 1 CA 7531
DESAUTELS HERMAS F C 3710 JEANNE MANCE ST MONTREAL QUE	B ARCH 4 HA 7602
DESAUTELS JOSEPH A F 316A BLVD DES PRAIRIES LAVALDES RAPIDES QUE	B ARCH 4
DESBARATS JEAN E 552 LAKESHORE RD BEAUREPAIRE QUE	B COM 4
DESBRISAY WILLIAM M DOUGLAS HALL 1208 WEST 47TH AVE VANCOUVER B C	MD CM 1
DESCHAMPS MARIE C 156 MAPLEWOOD AVE OUTREMONT QUE	B A 3 CA 5315
DESCHAMPS JOSEPH LOUIS A 156 MAPLEWOOD AVE OUTREMONT QUE	MD CM 1 CA 5315
DESCHAMPS ESTELLE M T 156 MAPLEWOOD AVE OUTREMONT QUE	B A 3 CA 5315
DESHAIES JOSEPH A W 6874 AVE DE MONTS VILLE EMARD MONTREAL QUE	B A 2 TR 2615
DESHIELD ROY M DAWSON COLLEGE 61 ELLIOTT ST EAST WINDSOR ONTARIO	B SC 2
DESJARDINS LANGLEY H 4032 TUPPER STREET WESTMOUNT QUE	B COM 2 WE 2652
DESJARDINS PETER OVILA 7090 DE L EPEE AVE APT 2 MONTREAL QUE	B COM 3
DESJARDINS PIERRE J 282 LAURIER AVE W MONTREAL QUE	B C L 3 CR 6505
DESLOOVER PAUL RAYMOND 5377 EARNSCLIFFE AVE MONTREAL QUE	B F A 1
DESNOYERS JOSEPH J M DAWSON COLLEGE 1295 DE LA BRUERE ST HYACINTHE QUE	B ENG 1
DE SOLLA MARGARET R MACDONALD COLLEGE 4396 BORDEAUX ST MONTREAL QUE	TCH ELEM 1
DESOUZA JOHN EDWIN 8 EDGEHILL AVE APT 1 MONTREAL 25 QUE HOTEL VISTAMAR RIO DE JANEIRO BRAZIL	B SC 4 WE 0659
DESROCHERS PAULINE MARI 5950 MC LYNN AVE MONTREAL QUE	B A 1 EX 3301
DESSERUD ALF GUNNAR DAWSON COLLEGE ST JOHNS QUE 218 ST DENIS ST ST LAMBERT QUE	B ENG CI 2
DESSERUD DER ERLING DAWSON COLLEGE 218 ST DENIS ST ST LAMBERT QUE	B ENG CI 2
DE ST CROIX RICHARD 2334 HAMPTON AVE N D G MONTREAL 28 QUE	B ENG MC 4
DETEMPLE JEAN MERYL 555 SHERBROOKE ST W MONTREAL QUE 321 WATER E CORNWALL ONT	B A 4
DETLOR JAMES EDWARD 419 PRINCE ARTHUR ST MONTREAL QUE	B ENG EL 4 HA 1088
DETLOR KENNETH J DAWSON COLLEGE 4224 NORTHCLIFFE AVE MONTREAL QUE	B ENG CH 2
DEVAUX JUNE DIANE 1166 LAIRD BLVD APT 5 TOWN OF MOUNT ROYAL QUE	B A 3 AT 1630
DEVINE FRANCIS J J DAWSON COLLEGE QUE 81 PINE ST THOROLD ONT	B SC 1
DE WITTA NORMA AILEEN 8059 QUERBES AVE MONTREAL QUE	B COM 4 TA 4910
DHO CHARLES RAYMOND 1210 PINE AVE W MONTREAL QUE 41 STATION AVE SHAWINIGAN FALLS QUE	B COM 1 HA 0098
DIAMEND CLAIRE 178 BERNARD AVE W MONTREAL QUE	B A 2 VI 5371
DIAMOND GERARD P M BOX 15 MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	B ARCH 4
DIAZ ALVARO DAWSON COLLEGE QUE 4895 HAMPTON AVE MONTREAL QUE	B ENG 1
DIBBEN BASIL JOHN CLARK 3520 CONNAUGHT AVE MONTREAL WEST QUE TALLAN HIGH ST SEAFORD SUSSEX ENGLAND	B ENG MI 3
DIBBEN DAVID WALLACE DAWSON COLLEGE 418 RUBIDGE ST PETERBOROUGH ONT	B ENG PH 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DICK GEORGE DES SOURCES ROAD STRATHMORE QUE	B A 3
DICKEY RODERICK G MACDONALD COLLEGE 120 DUNCAN ST HALIFAX N S	B SC AGR 3
DICKIE ROBERT DANIEL 6765 BORDEAUX APT 1 MONTREAL QUE 113 MELROSE ST PRESTON ONT	M A 1 GR 5336
DICKINSON GORDON THOMAS 1122 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	A & S CO 1 AT 7533
DICKINSON ROBERT ALAN 44 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 2265
DICKINSON DASH BERYL P 950 LAPORTE AVE MONTREAL QUE	B A 3 WI 8615
DICKS ALLAN N 28 LEGAULT ST ST ANNE DE BELLEVUE QUE	B ENG MC 4
DICKSON CHARLES G M 5400 QUEEN MARY RD N D G MONTREAL QUE	B ENG CH 4 DE 5009
DICKSON DELPHINE MARY 4082 GAGE RD MONTREAL QUE 20 CHRISTCHURCH RD NORWICH NORFOLK ENGLAND	M A 1 FI 7688
DICKSON MARGARET H MACDONALD COLLEGE R R 1 ORMSTOWN QUE	B SC H E 1
DICKSTEIN JOSEPH 5656 WOODBURY AVE MONTREAL QUE	B COM 3 AT 0559
DITATA NICHOLAS M 453 LAURIER ST ST JOHN QUE	B ENG 1
DIGBY JAMES REGINALD 3306 UNIVERSITY ST MTL 42 WELLINGTON ST BRANTFORD ONT	MD CM 2
DIGGS ALICE MUSE ROYAL VICTORIA COLLEGE 2556 MASSACHUSETTS AVE WASHINGTON D C U S A	B A 3
DILABIO GUIDO F MACDONALD COLLEGE 140 BALSAM ST OTTAWA ONT	B SC AGR 2
DIMAKOPOVUOS DEMETRIUS DAWSON COLLEGE 63 PATRIARCHON JOAKIM ATHENS GREECE	B ARCH 1
DIMAS THEODORE R DAWSON COLLEGE 51 VALTETSIOU STR ATHENS GREECE	B ENG 1
DIMITRACOPOULOS P C 5903 MC LYNN AVE SNOWDON MONTREAL QUE 118 AVEROFF ST ATHENS GREECE	B ENG EL 3 EX 5685
DIMOCK CLAURICE E MACDONALD COLLEGE DIMOCK CREEK BONAVENTURE CO QUE	TCH INT 1
DINER DOREEN 4907 MELROSE AVE N D G MONTREAL QUE	B COM 2 EL 9102
DINER LAWRENCE 4814 WILSON AVE N D G MONTREAL QUE	B A 3 DE 6750
DINER MOSES 4814 WILSON AVENUE MONTREAL 29 QUE	B C L 1 DE 6750
DINGOTT ETHEL 4746 MAPLEWOOD AVE MONTREAL QUE	B A 1 EX 4033
DINSDALE HENRY ERNEST 4192 HAMPTON AVE N D G MONTREAL QUE	B A 4 EL 1516
DINSMORE ANNE CORRIS 3763 DRAPER AVE MONTREAL QUE	PHYSIOTH 1 WA 2666
DINSMORE JOHN H DAWSON COLLEGE 4823 UPPER ROSLYN AVE MONTREAL QUE	B ENG EL 2
DION FERNAND L 403 SHERBROOKE ST W MONTREAL QUE	B SC AGR 1
DION MARIE T 17 CHURCH HILL AVE MONTREAL QUE	B A 4 FI 3156
DION MARTHE J MACDONALD COLLEGE HOTEL BOULEVARD LAPRAIRIE QUE	HOMEMAKE 1
DIONNE ANDRE RAY 7781 DROLET ST MONTREAL QUE	B COM 2 DO 7843
DIONNE CAMILLE F 4120 PARC LAFONTAINE MONTREAL QUE	B C L 2
DIONNE ELZEAR 8574 BERRI ST MONTREAL QUE	B ENG MC 4 DU 3697
DIRE JOHN JOSEPH 1931 THIRD AVE NEW YORK N Y U S A	B SC 2
DIRE LEONARD B 1931 THIRD AVE NEW YORK 29 N Y U S A	B SC 2
DISHER IRWIN SCOTT DOUGLAS HALL 1526 ANCTUS DR VANCOUVER B C	MD CM 3
DIX MARGARET CHRISTINA 822 14TH ST SASKATOON SASK	B SC P E 4
DIXON DAVID W MACDONALD COLLEGE 105 SALISBURY AVE GALT ONT	B SC AGR 4
DIXON ROBERT DAMIAN 3570 DUROCHER ST APT 8 MONTREAL QUE	D D S 3
DOANE CHARLES A 5001 GROSVENOR AVE MONTREAL QUE	B COM 3 AT 5951
DOBELL ANTHONY RICHARD C DOUGLAS HALL	MD CM 3
DOBRIN MITZI M S 5830 MONKLAND AVE MONTREAL QUE	B COM 2 WA 7576
DODDRIDGE PHILIP DAWSON COLLEGE NEW RICHMOND BONAVENTURE CO QUE	B SC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DODDS DONALD JACKSON 3433 PEEL ST APT 2 MONTREAL 2 QUE	MD CM 1 BE 8055
DODDS HEBRON ROBERT 651 QUERBES AVE OUTREMONT QUE	B ENG MI 4 DO 5159
DOHAN DAVID JAMES 327 REDFERN AVENUE WESTMOUNT QUE	B C L 1 FI 5716
DOHAN TERESA ANN 327 REDFERN AVE MONTREAL QUE	B A 2 FI 5216
DOHERTY BRIAN GEORGE 111 SUNNYSIDE AVE WESTMOUNT QUE	MD CM 4 EL 5017
DOHN WALTER ROY F 928 WILDER AVE OUTREMONT QUE	D D S 3 AT 0383
DOLAN EVERITT PATRICK 545 PINE AVE WEST MTL 276 DOUGLAS AVE ST JOHN N B	MD CM 4 MA 1545
DOLMAN MORTIMER 772 OUTREMONT AVE OUTREMONT QUE	PARTIAL CA 1313
DONALD EDITH C MACDONALD COLLEGE 561 LANSDOWNE AVE WESTMOUNT QUE	HOMEMAKE 1
DONALD GORDON THOMAS 561 LANSDOWNE AVE WESTMOUNT QUE	B SC 3 WA 6340
DONALD HOWARD 27 LA MARCHE ST ANNE DE BELLEVUE QUE 3300 TROIE AVE MONTREAL	B SC AGR 2
DONALD JAMES FREDERICK 682 ROSLYN AVE WESTMOUNT QUE	B SC 1 WA 2224
DONDALE CHARLES D MACDONALD COLLEGE LEQUILLE ANNAPOLIS COUNTY N S	B SC AGR 3
DONDENAZ HAROLD G 1665 ST CATHERINE ST W APT 8 MONTREAL QUE	M A 2 FI 5609
DONNELL JAMES MOFFAT 4619 MELROSE AVE MONTREAL QUE	B SC 2 DE 7991
DONNELLAN WM LORNE PRESBYTERIAN COLLEGE 6473 IVARENE AVE HOLLYWOOD CALIF U S A	MD CM 2
DONNENFELD HYMAN 6676 ST HUBERT MONTREAL QUE	B COM 2 TA 1379
DONOGHUE LAWRENCE A MACDONALD COLLEGE R 1 OXFORD MILLS ONT	B SC AGR 2
DONOHUE EDWARD WILLIAM 1455 DRUMMOND ST APT 917 MTL QUE	D D S 1 LA 4060
DONOHUE GRETA H MACDONALD COLLEGE 94 RAGLAN ST RENFREW ONT	B SC H E 3
DOPP PAUL WILLIAM 47 ST ANNE ST STE ANNE DE BELLEVUE QUE 72 PARKWAY AVE TORONTO ONT	B SC AGR 2
DORAN JOHN BEECHER 2301 BELANGER ST E APT 5 MONTREAL QUE	B COM 3 CR 9544
DO REGO FREITAS TOLEDO M ROYAL VICTORIA COLLEGE 8 THEODORO BAYMA 18 SAO DAVID BRAZIL	PARTIAL
DORION DAVID GEORGE 20010 LAKESHORE ROAD BAIE D URFE QUE	B COM 1
DORKEN FLORENCE E MACDONALD COLLEGE 32 ARLINGTON AVE WESTMOUNT QUE	HOMEMAKE 1
DORLAND CARL FREDERICK 3434 MCTAVISH STREET 16 YATES STREET ST CATHARINES ONT	B SC P E 3 PL 4492
DORMER ALBERT 4581 HINGSTON AVE MONTREAL QUE	B ENG MC 2 WA 2065
DORR HUMPHREY PATRICK DAWSON COLLEGE QUE 10 MONTROSE RD ST ANDREW JAMAICA B W I	B SC 1
DORRANCE GEORGE WALLACE DAWSON COLLEGE 3979 ANGUS DRIVE VANCOUVER B C	B SC 2
DOUGHERTY JOAN L 3550 PEEL ST APT 2 MONTREAL QUE	PH D 2 BE 9227
DOUGLAS BENSON T MACDONALD COLLEGE GRENVILLE GRENADA B W I	B SC AGR 1
DOUGLAS DONALD J 48 SALABERRY BLVD CHATEAUGUAY QUE 579 PRINCE GEORGE B C	MUS QUAL 1
DOUGLAS GLENN ALEXANDER 4329 DRAPER AVE N D G MONTREAL QUE	B SC P E 2 EL 7273
DOUGLAS MARY H MACDONALD COLLEGE 620 PINE AVENUE ST LAMBERT QUE	TCH ELEM 1
DOUGLAS ROBERT JAMES 4629 MARQUETTE ST MONTREAL QUE	B ENG EL 4 AM 3056
DOUGLAS ROBERT K MACDONALD COLLEGE SUTTON QUE	B SC AGR 3
DOUGLAS SHEILA HELEN 3426 STANLEY ST MONTREAL QUE 223 OTTER ST BANFF ALTA	B A 4 BE 0360
DOUGLAS MURRAY ANN C E 2068 SHERBROOKE ST W MONTREAL QUE	B A 1 FI 0650
DOUGLAS MURRAY MARGARET 2068 SHERBROOKE ST W APT 5 MONTREAL QUE	B A 2 FI 0650
DOW PAULINE A MACDONALD COLLEGE WATERLOO QUE	TCH ELEM 1
DOWBIGGIN WILLIAM E 7434 DUROCHER AVE MONTREAL QUE	B ENG MC 4 CA 6083
DOWD DOREEN DOROTHY 5191 GLOBERT AVE MONTREAL QUE	B A 2 DE 7687

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DOWDING FRANCIS GUY 3473 UNIVERSITY ST MONTREAL QUE 51 CHARLES ST HALIFAX N S	PARTIAL MA 4902
DOWNING JOHN BELL MONTREAL GEN L HOSPITAL MONTREAL QUE	MED DIPL 3
DOWNTON ARTHUR C 3473 UNIVERSITY ST MONTREAL QUE 60 PRINCE OF WALES ST ST JOHNS NEWFOUNDLAND	B A 4 MA 4902
DOYLE ELTON ERNEST 3433 DECARIE BLVD MONTREAL QUE	B A 4 DE 3214
DOYLE JOHN JOSEPH 336 VETERANS AVE MONTREAL EAST QUE DOAKIN N S	MD CM 3
DOYLE PAULINE M 5768 N D G AVENUE N D G MONTREAL QUE	B S W 1 DE 8523
DOWKER MARGARET ANNE 5159 EARNSCLIFFE AVE N D G MONTREAL QUE	B A 2 EL 4981
DOYZING VICTOR G A DAWSON COLLEGE SMITH HILL PEMBROKE EAST BERMUDA	B SC 2
DRACH PESEL BAELA 1360 BERNARD AVE APT 17 OUTREMONT QUE	B SC 2 CA 6305
DRAKE EDWARD L MACDONALD COLLEGE CORNWALL P E I	B SC AGR 4
DRAKE LESLIE JAMES 1 ROSEMOUNT AVE APT 26 WESTMOUNT QUE	MD CM 1 WI 0716
DRANOV MARK 4155 ESPLANADE AVE APT 2 MONTREAL QUE	B SC 3 BE 3189
DRAPEAU JACQUELINE U 4225 MARCIL AVE N D G MONTREAL QUE	B SC 2
DRAPER G JOHN 3434 MAC TAVISH ST MONTREAL QUE 611 GRAND COTE STE THERESE QUE	B A 3 PL 4492
DRAPER MARY EDWARDS ROYAL VICTORIA COLLEGE 265 OXFORD ST LONDON ONT	B A 1
DRAPER WILMOT ROSS 500 PINE AVE W MONTREAL QUE 19 CENTER ST HUNTSVILLE ONT	B A 4 DE 6463
DRAYCOTT PETER FRANCIS 1038 RIVERVIEW AVE VERDUN QUE	B SC 3
DRAZNER MICHAEL 3570 CLARKE ST MONTREAL QUE	B C L 2 HA 7697
DRELUCH STEVE 171 DE VARENNES MONTREAL 14 QUE	B ENG MC 4
DREYFUS HENRY JOSEPH DAWSON COLLEGE ST JOHNS QUE MANAGNA NICARGUA C A	B ENG 1
DRODY JAS EDWARD 1276 BELLECHASSE AVE MONTREAL DOUGLASTOWN QUE	B C L 2 DO 6142
DROUIN JACQUES E DAWSON COLLEGE 15 NORANDA ST EAST ROUYN QUE	B ENG 1
DROUIN PAUL ARMAND 3582 CLARK ST MONTREAL QUE 31 ROBERVAL ST QUEBEC QUE	B ENG MC 4
DROVER JACK W PETERSON RESIDENCE 25TH AVE LACHINE QUE 30 WINTER AVE ST JOHNS NFLD	B ENG CI 4
DROZ PHILIP NELSON 5234 DUPUIS AVE MONTREAL QUE	B COM 3 WA 3687
DRUMMOND HEATHER A MACDONALD COLLEGE MISSISSAUGA ROAD PORT CREDIT ONT	B SC H E 1
DRUMMOND KEITH N 4015 ROSEMOUNT BLVD RSMT MONTREAL 36 QUE	B A 2 CL 1326
DRUMMOND ROBERT N 4015 ROSEMOUNT BLVD ROSEMOUNT MONTREAL QUE	M SC 1 CL 1326
DRUMMOND THOMAS K 47 ROSEMOUNT AVE WESTMOUNT QUE	B A 2 WI 6860
DRURY ANN C 1321 SHERBROOKE ST W APT D 50 MONTREAL QUE	B A 1 LA 1444
DRY CHARLES W 3445 PEEL ST MONTREAL QUE 2744 E 26TH ST BROOKLYN 29 N Y	B ARCH 3 HA 9462
DRYSDALE BONNIE A MACDONALD COLLEGE 21 SYLVAN AVE METUCHEN NJ U S A	B SC H E 2
DRYSDALE ELIZABETH ANN 2156 PRUD HOMME AVE N D G MONTREAL QUE	B A 2 EL 9682
DRYSDALE RONALD D ROYAL VICTORIA COLLEGE 97 KLINE ST HALIFAX N S	MED DIPL 2
DRYSDALE WILLIAM A 2156 PRUD HOMME AVE N D G MONTREAL QUE	M SC 1 EL 9682
DUBE GASTON ROBERT E 29 3RD ST WEST CORNWALL ONT	B ENG CI 3
DUBE JOSEPH JEAN YVES 5676 JEANNE MANCE ST MONTREAL QUE 328 ST MAURICE PARK CAP DE LA MADELEINE QUE	B COM 1 CR 5708
DUBE JOSEPH PIERRE 1486 CHOMEDY ST APT 6 MONTREAL QUE LAC MEGANTIC QUE	B ENG MC 3 WE 6481
DUBE MARK CLAUDE 1441 DRUMMOND ST MONTREAL QUE 122 LAFONTAINE ST RIVIERE DU LOUP QUE	B C L 1 MA 4171

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DUBROSKY JOSEPH GILBERT 68 GREY ST BRANTFORD ONT	B ENG EL 3
DUBRULE GERALDINE ANN ROYAL VICTORIA COLLEGE 519 WEST ST PRESCOTT ONT	B SC P E 1
DUBUC FERNAND 5004 QUEEN MARY RD APT 1 MONTREAL QUE	M SC 1 AT 9515
DUBUC JACQUES A 4929 PONSARD AVE MONTREAL QUE	B ENG EL 1 AT 9318
DUBUC MADELEINE THE GREVE BEACONSFIELD QUE 654 DOLLARD BLVD OUTREMONT QUE	PARTIAL CA 7173
DUCHARME ANDRE R 7146 DE LA ROCHE ST MONTREAL QUE	B ENG MC 4 VI 3861
DUCHESNAY HENRI 28 ST DENIS ST QUEBEC QUE	B ENG CI 3
DUCKWORTH RUSSELL E MACDONALD COLLEGE 6523 DELORIMIER AVE MONTREAL QUE	B SC AGR 3
DUFFY JOSEPH OSWALD 3430 DRUMMOND ST MONTREAL QUE 785 ST ANGELE STREET THREE RIVERS QUE	B SC 4 MA 4418
DUFRESNE CYRILLE 5595 BEAUCOURT AVE APT 4 MONTREAL QUE	PH D 4
DUFRESNE MAURICE RUFFIER 342 SHERBROOKE ST EAST MONTREAL 18 QUE	MD CM 4 LA 5789
DUGAL MADELEINE 6588 CHRISTOPHE COLOMB A MONTREAL QUE	M S W 2 DO 1472
DUGAN JAMES LENNOX 4335 HINGSTON AVE MONTREAL QUE	B COM 3 EL 2037
DUGAS JEAN 1158 LAJOIE AVE OUTREMONT QUE	PH D 3
DUHAIME CONSTANCE M 531 PINE AVE MTL QUE 1355 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	MED DIPL 1
DUHAMEL JEAN PAUL 3573 STE FAMILLE ST MTL 33 DOUGLAS AVE OTTAWA ONT	B ENG EL 4
DUITMAN DOROTHY I 3600 BENNY AVE APT 31 MONTREAL QUE 11427 72ND STREET EDMONTON ALTA	B S W 1 DE 1923
DUJON AINSLEY UNSWORTH 1189 GUY ST MONTREAL QUE 2 ELLESMERE RD HALF WAY JAMAICA B W I	B SC 4 WI 6970
DUKE WILLIAM DAVID 5025 MACDONALD AVE N D G MONTREAL QUE	B COM 2 WA 6809
DUKE SHIRLEY LYNN 65 HICKSON AVE ST LAMBERT QUE	B F A 1

NAME ADDRESS	COURSE & YEAR TEL. NO.
DULTZ MELVIN W 6741 N CAMPBELL AVE CHICAGO ILL	B COM 3
DUNCAN BARBARA NANCY R V C 620 CARPENTER LANE PHILADELPHIA PA U S A	B SC P E 2
DUNCAN DOUGLAS F MACDONALD COLLEGE ST ARMAND QUE	B SC AGR 2
DUNCAN JAMES DOUGLAS 618 GROSVENOR AVE WESTMOUNT QUE	B ENG 1 DE 2630
DUNCAN JOHN ALEXANDER PETERSON RESIDENCES ARCOLA SASK	D D S 2
DUNCAN RUTH MARLOWE MCLENNAN HALL 210 WATERLOO ST WINNIPEG MAN	B SC P E 3 PL 0044
DUNEER ARTHUR G JR 3538 HUTCHISON ST MONTREAL QUE 106 ELM AVE BOGOTA N J U S A	M SC 1 MA 7827
DUNLOP HELEN MARION 397 MANNING AVE VERDUN QUE	B A 2 TR 9718
DUNLOP SHIRLEY MACDONALD COLLEGE 361 ROSLYN AVE WESTMOUNT QUE	HOMEMAKE 1
DUNN HUGH ANGUS PRESBYTERIAN COLLEGE 606 HURON ST TORONTO ONT	B ARCH 4
DUNN RICHARD HERBERT 7130 CHAMBORD ST MONTREAL QUE	B ENG CI 3 VI 6489
DUNN ROBERT H PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG CI 4
DUNN WILLIAM ROLAND MC MASTERVILLE QUE	B SC 3
DUNNING JEAN CARMICHAEL 3360 BARCLAY AVE APT 4 MONTREAL QUE HAZEL HILL NOVA SCOTIA	GR N CER 1 EX 5066
DUNPHY EMERSON A 3608 OXENDEN AVE MONTREAL QUE BOX 745 NORTH SYDNEY NOVA SCOTIA	MD CM 3 PL 1305
DUNPHY ROBERT MURRAY DAWSON COLLEGE 19 KENDALL ST WORCESTER MASS	B ENG 1
DUNSKY ZIPPORAH 5226 WAVERLY ST MONTREAL QUE	B A 1 CR 8730
DUNWOODY CAROLYN MAY 3565 HUTCHISON ST MONTREAL QUE 147 WILLIAM ST COWANSVILLE QUE	B F A 2 HA 5321
DUPUIS EMILE JOSEPH 1427 PIERCE ST MONTREAL QUE 10263 113ST EDMONTON ALTA	B ARCH 4
DUPUIS RAYMOND J 3609 UNIVERSITY ST MONTREAL QUE 327 ADOLPHUS ST CORNWALL ONT	B COM 4 LA 6307

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DURANCEAU ADRIENNE M M 4479 WILSON AVE MONTREAL QUE 253 10TH AVENUE COCHRANE ONT	B A 3 WA 3883
DURNFORD HUGH MACK E 658 BELMONT AVE WESTMOUNT QUE	B A 1 EL 1442
DUROCHER JACQUES E 181 FIRST AVE VERDUN QUE	B ENG 3 YO 0702
DUROCHER LYSE 5945 MC LYNN AVE MONTREAL QUE	PARTIAL
DUROST HENRY BEECHER JR 545 PINE AVE WEST MTL 4011 UNIVERSITY AVE F TON N B	MD CM 4 MA 1545
DURRANT STANLEY G 489 WILLIBRORD AVE VERDUN QUE	B COM 3 YO 3345
D URSO JOHN ANTHONY DAWSON COLLEGE QUE 26 PARK PLACE VALLEY STREAM QUE	B SC 1
DUSABLON MICHEL DAWSON COLLEGE QUE 170 DUFFERIN RD HAMPSTEAD MONTREAL QUE	B ENG 1
DUTAUD CHARLES LOUIS 8628 FORBIN JANSON ST MONTREAL 5 QUE	B ENG CI 4 CL 7317
DUTAUD THEODORE 8628 FORBIN JANSON ST MONTREAL 5 QUE	3 CL 7317
DU TEMPLE EDMUND GEO 5650 CHARLEMAGNE ST ROSEMOUNT MONTREAL QUE	B COM 3
DUXBURY JAMES HERBERT 4286 WESTERN AVE MTL 95 VIEW ST NANAIMO B C	MD CM 1
DWANE CONSTANCE F MACDONALD COLLEGE 3692 ST URBAIN ST MONTREAL QUE	B SC H E 4 MA 6780
DWYER COLLEEN MINTY 645 GROSVENOR AVE WESTMOUNT QUE	B A 1 EL 6666
DYCK RENATA LAIRD SASK	B L S 1
DYER MARY ELIZABETH ROYAL VICTORIA COLLEGE 57 HIGHLAND ROAD RYE N Y U S A	B A 1
DYKEMAN DOUGLAS LEE 3724 MACKENZIE ST MTL UPPER JEMSEG QUEENS COUNTY N B	MD CM 1 AT 2521
DYKES JAMES T 6675 MONKLAND AVE MONTREAL QUE 363 OAKWOOD AVE WINNIPEG MAN	B ENG CH 4 EL 4663
DYMENT JOHN JOSEPH 211 KINDERSLEY RD TOWN OF MOUNT ROYAL QUE	B COM 1
DYSON RONALD EDWARD PETERSON RESIDENCE 25TH AVE LACHINE QUE 243 BARNSOLE ROAD GILLINGHAM KENT ENGLAND	B ENG AM 3

E

NAME ADDRESS	COURSE & YEAR TEL. NO.
EADE KENNETH E 3508 DUROCHER ST MONTREAL QUE 11 WHITE PINE AVE DAWES P O TORONTO ONT	PH D 2 MA 4352
EADIE DOROTHY ANN 18 FORDEN AVE WESTMOUNT QUE	B SC 3 EL 3132
EADIE FRANK S 4380 MAYFAIR AVE N D G MONTREAL QUE	PH D 2 DE 8667
EAGLE JOYCE C MACDONALD COLLEGE 3480 PATRICIA AVE MONTREAL QUE	HOMEMAKE 1 DE 1256
EAGLES STEWART P MACDONALD COLLEGE SALISBURY N B	B SC AGR 4
EAKINS PETER R 2064 UNION AVE MONTREAL QUE	PH D 2 MA 1532
EARDLEY WILMOT HUGH 3581 UNIVERSITY ST MONTREAL QUE 234 CHARLOTTE ST OTTAWA ONT	B ENG MI 3 MA 3842
EARLE JOHN S 696 5TH AVE VERDUN QUE 67 MORTON AVE MEDFORD MASS	B ENG CH 4
EARTLY HEIDI HELLA 333 KENSINGTON AVE WESTMOUNT QUE	M SC 2 WI 7750
EASTCOTT PETER D 532 GROSVENOR AVE WESTMOUNT QUE P O BOX 130 BILLINGS BRIDGE ONT	B ENG EL 4 DE 6574
EASTMAN DAVID GALE 2070 UNIVERSITY ST MONTREAL QUE OLD EMERSON ROAD DURHAM NEW HAMP U S A	MD CM 3
EASTON ARNOLD WILLIAM 4675 EARNSCLIFFE AVE N D G MONTREAL QUE	B COM 2 EL 8872
EASTWOOD CATHERINE JANE ROYAL VICTORIA COLLEGE 6616 SPERLING STREET VANCOUVER B C	PHYSIOTH 3
EASTWOOD ROBERT D MACDONALD COLLEGE 249 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 4
EATON PAUL C 9 MONTE STE MARIE STE ANNE DE BELLEVUE QUE CANARD KING S COUNTY N S	B SC AGR 4
EBERWEIN JOAN D 101 STRATHEARN AVE MONTREAL WEST QUE 343 YALE AVE WINNIPEG MANITOBA	PHYSIOTH 3 WA 3694
ECCLES WILLIAM JOHN 22 ANWORTH RD WESTMOUNT QUE	M A 1 WE 5033

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ECONOMOU CONSTANTINE DAWSON COLLEGE PATRIARCHOU 10 AKIM 18 ATHENS GREECE	B ENG 1
EDDY KEITH HUDSON 3508 UNIVERSITY ST MTL MONTREAL QUE 1235 JEAN TALON EAST MONTREAL QUE	B A 4 HA 4873
EDDY LOUIS ALEC 1235 JEAN TALON E MONTREAL QUE	B A 2 CA 7787
EDGAR ARTHUR BURTON 3621 LORNE CRESCENT MTL HAMPTON KINGS CO NEW BRUNSWICK	MD CM *3 LA 8013
EDGAR ROBERT S 4906 FULTON AVE MONTREAL QUE	B SC 2
EDEY STUART N MAC DONALD COLLEGE 20 WENDOVER AVE OTTAWA ONT	B SC AGR 1
EDGE RUSSELL B DAWSON COLLEGE QUE 1583 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B ARCH 1
EDIS ALFRED R 3509 HUTCHISON ST APT 48 MONTREAL QUE	B ENG MC 4 UN 4746
EDWARD PETER D MACDONALD COLLEGE 66 ELM ST W SUDBURY ONT	B SC AGR 4
EDWARD ROBERT HORACE 735 BLOOMFIELD AVE OUTREMONT QUE	B ENG EL 3 CA 1606
EDWARDS DOUGLAS F MAC DONALD COLLEGE ESCUMINAC BONA CO QUE	B SC AGR 2
EDWARDS GORDON BUCHANAN 428 EGAN AVE VERDUN QUE	B ARC 2 YO 3735
EDWARDS HERBERT C 3433 HUTCHISON ST MONTREAL QUE 29 COLLINS GREEN AVE GROSS RDS TA B W I	B A 3 LA 4790
EDWARDS JUDITH D ROYAL VICTORIA COLLEGE 29 COLLINS GREEN AVE CROSS ROADS JAMAICA	MUS QUAL 1
EDWARDS NOEL OLIVIER 3532 LORNE AVE MONTREAL QUE 36 ARNOLD RD KINGSTON JAMAICA B W I	B A 3 BE 0048
EDWARDS PAUL NORRIS PETERSON RESIDENCE 68 DEVONSHIRE ST RM 413 BOSTON MASS	B A 4
EDWARDS SUZANNE K ROYAL VICTORIA COLLEGE ST SAUVEUR DES MONTS QUE	B A 2
EDWIN RUSSELL LEON 2047 UNION AVE MTL QUE 1716 1ST AVE N GREAT FALLS MONTANA	B SC 4 PL 0646
EDWORTHY MURRAY AYLMER APT 1 3425 UNIVERSITY ST MONTREAL QUE STAR CITY SASK	MD CM 3 HA 7239
EGAN THOMAS JOSEPH 3617 LORNE CRESCENT MTL SUITE 102 3530 CAMBIE ST VANCOUVER B C	MD CM 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
EIBEL FAY 763 CHAMPAGNEUR AVE OUTREMONT QUE	B A 4
EIDINGER DAVID 650 DOLLARD BLVD OUTREMONT QUE	B SC 2 CA 9332
EIDINGER MARTIN 2068 SHERBROOKE ST W APT 17 MONTREAL QUE	D D S 1 WI 8497
EIDMGER NAOMI 2068 SHERBROOKE ST W APT 17 MONTREAL QUE	B SC 2 WI 8497
EISENSTAT BRAHM MAURICE 5621 PHILLIPS ST MONTREAL QUE	B A 2 EX 3995
EITMAN KATHLEEN 1109 ARGYLE AVE VERDUN QUE	B A 3 YO 8829
EVERNDEN IAN PHILIP 3654 HUTCHISON ST MONTREAL QUE 104 MERCIER ST ST JOHNS QUE	B SC 3
EKSTRAND ALLAN PAUL 4820 WILSON AVE N D G MONTREAL QUE	B COM 4 WA 1098
ELDER JOHN MUNRO 3055 SHERBROOKE ST W WESTMOUNT QUE	MD CM 3 FI 2627
ELDER NORMAN B DAWSON COLLEGE QUE 111 MARLBOROOGH ST W CORNWALL ONT	B ENG MC 2
ELDER PATRICIA CAMPBELL 108 SRATHEARN AVE MONTREAL WEST QUE	B SC P E 3 DE 0517
ELDERKIN JANE R ROYAL VICTORIA COLLEGE 190 KING STREET ST CATHARINES ONT	B SC 2
ELEFTHEROUDAKIS PAUL C 885 BALL AVE MONTREAL 15 QUE 21 PATRIARCHOU JOACHIM ATHENS GREECE	M ENG 1
ELIADIS ALEXANDER 8 PAPADIAMANTOPOULOU ST ATHENS GREECE	B ENG CI 3
ELIAS NORMAN 6031 JEANNE MANCE ST MONTREAL QUE	B COM 4 CR 8708
ELIMELECK MORTON 464 VICTORIA AVE WESTMOUNT QUE	A & S CO 1 EL 7418
ELKIN DAVID 133 DE LEPPEE AVE APT 3 OUTREMONT QUE	MD CM 2 DO 2295
ELKIN EUGENE 4587 MARCIL AVE MONTREAL 28 QUE	B SC 4 EL 9841
ELKINGTON EVELYN G ROYAL VICTORIA COLLEGE 572 ISLAND ROAD VICTORIA B C	B A 4
ELLENBOGEN IRVING DAWSON COLLEGE ST JOHNS QUE 4112 CLARK ST MONTREAL QUE	B ENG 1 BE 3584
ELLERBECK DENNIS GORDON PETERSON RESIDENCE 5426 ROBLIN BLVD WINNIPEG MAN	B SC P E 4

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ELLICOTT SHIRLEY EVELYN 59 GILMOUR AVE CHATEAUGUAY HEIGHTS QUE	B A 3
ELLIOT JAMES E DAWSON COLLEGE QUE 37 NELSON ST MONTREAL WEST QUE	B ENG MC 2
ELLIOT KENNETH FRANK 337 STANLEY AVE ST LAMBERT QUE	H SCH DI 5
ELLIOT DONALD M HOWICK QUE	B SC AGR 1
ELLIOT ROBERT RUSSEL 5670 VERDUN AVE VERDUN QUE	B ENG PH 3 TR 9581
ELLIOTT ANGUS DOUGLAS 648 MURRAY HILL AVE WESTMOUNT QUE 558 HOWEY SCRSC SUDBURY ONT	B ENG CI 3 DE 4166
ELLIOTT BERNARD BURTON MACDONALD COLLEGE QUEBEC	M SC 1
ELLIOTT RAYMOND S 3555 JEANNE MANCE ST MONTREAL QUE 63 PRENTISS ST CAMBRIDGE MASS	PARTIAL BE 9275
ELLIOTT RONALD EDWIN RM 5107 CENTRAL Y M C A DRUMMOND ST MONTREAL QUE 33 STRATHCONA ST SOUTH HAMILTON ONT	MD CM 3 MA 4171
ELLIOTT SINCLAIR P MACDONALD COLLEGE MELVERN SQUARE ANNAPOLIS CO N S	B SC AGR 4
ELLIS ROSEMARY LOU AYLMER ONTARIO R R 4	GR N CER 1
ELLIS IAN ANDERSON 12136 RANGER ST MONTREAL QUE	B SC 4 BY 1069
ELLIS MAC ALLISTER SCOT 1630 LINCOLN AVE MONTREAL QUE	PARTIAL WE 9108
ELLIS PATRICIA J MAC DONALD COLLEGE 25 GAULBURN AVE OTTAWA ONT	B SC AGR 4
ELLWOOD MICHAEL G C 1 ROSEMOUNT AVE WESTMOUNT QUE	B ARCH 5 WE 5139
ELVIDGE VALERIE M MACDONALD COLLEGE 3820 DRAPER AVE MONTREAL QUE	HOMEMAKE 1 DE 9413
EMBREE PAUL W 3445 PEEL ST MONTREAL POX 192 FILER IDAHO U S A	MD CM 2 HA 9462
EMERSON MARION I 440 MOUNT STEPHEN AVE APT 18 WESTMOUNT QUE SUTTON JUNCTION QUE	B S W 1 DE 5107
EMERY CHARLES EDWARD 235 CLARKE AVE APT 2 WESTMOUNT QUE	B A 3 WE 3270
EMO BRIAN PARKER 821 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B ENG MC 3 EX 2197
EMOND LIONEL JOSEPH VIC 4600 CHAPLEAU ST MONTREAL QUE	B COM 1 AM 5849
EMOND WILFRED ROBERT 4600 CHAPLEAU ST MONTREAL QUE	B COM 4 AM 5849
EMORY WILLIAM V DOUGLAS HALL 47 FRASER AVE EDMUNDSTON N B	B COM 3
EMPEY GORDON BURTON 24 RICHELIEU PL MONTREAL QUE	B A 3 LA 9689
ENDLER NORMAN SOLOMON 4640 ESPLANADE AVE MONTREAL QUE	B A 2 LA 1627
ENDLER SYLVIA 4640 ESPLANADE AVE MONTREAL QUE	B S W 1 LA 1627
ENDMAN LOUIS 71 CUTHBERT ST MONTREAL QUE	B COM 3 BE 6210
ENGEL ANDREW G 4362 ST CATHERINE ST W MONTREAL QUE 32 20 93RD STREET JACKSON HEIGHTS N Y	B SC 2 WE 2294
ENGEL LORRAINE A ROYAL VICTORIA COLLEGE 85 BROCKTON AVE HAVERHILL MASS U S A	B SC 3
ENGINEER BEHRAM B PRESBYTERIAN COLLEGE TAJ MAHAL HOTEL APOLLO BUNDER BOMBAY	M SC 2
ENGLAND MURIEL BEATRICE 4472 SHERBROOKE ST W MONTREAL QUE SUMMERSIDE R R 3 P E I	B A 4 YO 3713
ENGLAND NORMA MAUDE 4472 SHERBROOKE ST W MONTREAL QUE SUMMERSIDE R R 3 P E I	MD CM 1 WE 3530
ENGLISH ALEXANDER 3425 UNIVERSITY ST APT 3 MONTREAL QUE	MD CM 4 HA 8667
ENGLISH WILLIAM D 4603 MICHELE BIBAUD ST MONTREAL QUE	M SC 2 AT 8136
ENNIS DONALD EARL DAWSON COLLEGE QUE 4352 WESTHILL AVE N D G MONTREAL 28 QUE	B ENG CI 1 DE 0789
ENNIS GERARD JOSEPH 10282 LAVERDURE ST MONTREAL 12 QUE	B ENG EL 4
ENSINCK JOHN W 4640 CLANRANALD AVE N D G MONTREAL QUE	B SC 2 BE 3583
EPERJESY DEZSO L DAWSON COLLEGE 3588 CLARK ST MONTREAL QUE	B ENG EL 1
EPSTEIN JEAN FAY ROYAL VICTORIA COLLEGE 384 TOWNSEND ST SYDNEY N S	B A 1
ERICKSON ARTHUR C 3485 MCTAVISH ST MONTREAL QUE 4890 OSLER AVE VANCOUVER B C	B ARCH 5 BE 9424

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ERICKSON GLENWOOD ED DAWSON COLLEGE 1369 JEAN NICOLET THREE RIVERS QUE	B ENG 1
ERRINGTON PHILIP J WILSON HALL 19 PRICEFIELD RD TORONTO ONT	B COM 1
ERRINGTON WILLIAM 3653 UNIVERSITY ST MTL 19 PRICEFIELD RD TORONTO ONTARIO	B COM 4 PL 2073
ERSKINE JOYCE E MACDONALD COLLEGE 131 STANLEY AVE OTTAWA ONT	B SC H E 4
ERSKINE RONALD G B DOUGLAS HALL PUTNAM HOUSE SEARSDALE N Y U S A	B COM 3
ESAR GRAIDA 81 SPRINGROVE CRESCENT OUTREMONT QUE	PHYSIOTH 1 CR 7696
ESTEY RALPH HOWARD MACDONALD COLLEGE MILLVILLE YORK CO N B	B SC AGR 3
ETHIER JOSEPH D M Y M C A 1441 DRUMMOND ST MONTREAL QUE 5457 12TH AVENUE ROSEMONT MONTREAL QUE	PARTIAL MA 4171
ETIENNE JAMES A 111 DOBIE AVE TOWN OF MOUNT ROYAL QUE	MUS B 2 AT 0592
ETZKOVITCH MIRIAM MACDONALD COLLEGE 5540 LAVOIE AVE MONTREAL 26 QUE	TCH ELEM 1
EVANS DAVID WATSON 515 LANSDOWNE AVE WESTMOUNT QUE	B SC 4 EL 4356
EVANS HARRY G V 4720 RIDGEVALE AVE MONTREAL QUE EDMONTON ALTA	PH D 3 AT 8507
EVANS JOHN MACDONALD COLLEGE 70 COALWAY RD WOLVERHAMPTON ENGLAND	B SC AGR 2
EVANS MERRAN GWYNNE 126 DUFFERIN ROAD HAMPSTEAD QUE	B A 1 EL 6931
EVANS TERENCE REGINALD 538 PRINCE ARTHUR ST W MONTREAL QUE GRENADA B W I	D D S 3
EVANS RUTH E MACDONALD COLLEGE 33 CLOUGH AVE LENNOXVILLE QUE	TCH INT 1
EVENNETT ELIZABETH F MACDONALD COLLEGE 54 HOPE ROAD JAMAICA B W I	B SC H E 4
EVERITT ELIZABETH F MTL GENERAL HOSPITAL W D 27 PARKWAY SEVEN KINGS ESSEX ENGLAND	MED DIPL 1
EVERSON THOMAS PHILIP 630 CLARKE AVE WESTMOUNT QUE	B COM 2 FI 1301
EWASEW JOHN 2945 ST DONAT ST MONTREAL GRENFELL SASK	B C L 3 CL 6373
EWERT ROBERT ALFRED 1060 BERNARD AVE W APT 16 MONTREAL 811 ROCHESTER RD NEW WESTMINSTER B C	MD CM 1 CR 3736
EYLES ARTHUR GEOFFREY 4278 DORCHESTER ST WESTMOUNT QUE DALY ST BELIZE BRITISH HONDURAS C A	B ENG CI 4 WE 5959

F

FABELA DANIEL E MACDONALD COLLEGE PLAZA SAN JACINTO 15 SAN ANGEL MEXICO	B SC AGR 1
FABRIKANT JACOB I 119 17 111 AVE SO OZONE PARK 20 L I N Y U S A	B SC 2
FACTO LONNIE OCTAVE 3459 DRUMMOND ST RM 41 MONTREAL QUE 2843 INGERSOLL AVE MONTREAL QUE	B A 1 LA 3317
FADUM HANS A 3686 DUROCHER MONTREAL QUE STENMALVEIEN 9 TONSBERG NORWAY	B ARCH 3
FAERMAN DONALD STEPHEN 4364 WESTMOUNT AVE WESTMOUNT QUE	B COM 1 WA 4419
FAFALIOS JOHN D 6241 TERREBONNE AVE N D G MONTREAL QUE	B ENG MC 3 EL 8550
FAGGIOLO JOHN M 4745 ST ANDRE ST MONTREAL QUE	B COM 4 HO 2869
FAGNAN YVES 1120 BERNARD AVE APT 38 MONTREAL QUE BOX 268 ACTON VALE QUE	B SC AGR 1 CA 2692
FAGUE WILLIAM R 3439 SHUTER ST MONTREAL QUE CEDAR LAKE RD SAUQUOIT N Y U S A	M A 1 HA 3594
FAIERMAN NETTIE 341 DE L EPEE AVE OUTREMONT QUE	B A 2 CA 7909
FAINBLOOM ANITA 4414 DRAPER AVE MONTREAL QUE	B COM 2 DE 1324
FAINMEL IVAN J 552 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B F A 3 AT 7115
FAINSTAT MICHAEL M 5255 COTE ST LUC APT 28 N D G MONTREAL QUE	M ENG 2 WA 4627
FAINSTAT THEODORE D 4533 ESPLANADE AVE MONTREAL QUE	B SC 4 PL 4968

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FAIRBARNS DAVID KEITH 4660 BEACONSFIELD AVE MONTREAL QUE	M A 1 WA 2540
FAIRHEAD HAROLD GEORGE 116 LEWIS AVE WESTMOUNT QUE	B SC P E 3 WE 1574
FAIRLEY MARGARET B MACDONALD COLLEGE NEWTOWN ISLE OF WIGHT ENGLAND	B SC AGR 3
FAIRLEY RANDOLPH D 3015 SHERBROOKE ST W MONTREAL QUE	M ENG 1 FI 3844
FAIRLIE JOHN DOUGLAS HALL 47 FRASER AVE EDMONDSTON N B	B COM 3
FAIRLIE JOHN NIEL 3419 SIMPSON ST MONTREAL QUE	B ENG CH 3 WI 4891
FAIRMAN M DOREEN 4054 GREY AVE N D G MONTREAL QUE	B A 3 EL 3721
FAITH ROBERT WARD 755 UPPER BELMONT AVE WESTMOUNT QUE	B SC 1 EL 5927
FALARDEAU JEAN JOS M 1230 BEAUBIEN ST E APT 5 MONTREAL QUE 80 DES PRAIRIES ST APT 6 QUEBEC CITY QUE	B ENG MC 3 TA 3396
FALES RICHARD ERNEST 1452 ST MATTHEW ST MTL 3839 EAST AVE ROCHESTER 10 N Y U S A	B A 4 WE 9560
FALK JOHN LIONEL 3454 HUTCHISON ST MONTREAL QUE 3025 SHERBROOKE ST W MONTREAL QUE	B A 4 HA 8841
FALK MICHAEL 1377 DUCHARME AVE OUTREMONT QUE	B SC 2 DO 0753
FALKNER PETER LEFEVRE PETERSON RESIDENCE 25TH AVE LACHINE QUE	D D S 3
FALLON CHRISTOPHER C PETERSON RESIDENCES WAYNE PENNA U S A	B SC 4
FALLON RICHARD HENRY 2058 VICTORIA ST MONTREAL QUE	PARTIAL LA 7961
FALLS MARY VIRGINIA 3740 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 EL 2335
FANJUL CARLOS 3 C O B GUATEMALA CITY C	B ENG MC 3
FARFAN HENRY FRANCIS 545 PINE AVE W MONTREAL QUE	MD CM 3 MA 1545
FARIA JUAN MAURICIO DAWSON COLLEGE CALLE VENEZUELA 108 MARACAIBO VENEZUELA	B ENG 1
FARLEY HOWARD HAYDEN 3520 DUROCHER AVE MONTREAL QUE	B C L 3 BE 8143
FARMER DAVID RUPERT 136 HILLCREST AVE MONTREAL WEST QUE	B SC 4 WA 8495
FARMER ELAINE J MACDONALD COLLEGE 74 JOHN STREET ARNPRIOR ONT	HOMEMAKE 1
FARMER FRANCES V MACDONALD COLLEGE 197 PRICE STREET CHICOUTIMI QUE	TCH ELEM 1
FARMER HAROLD V DAWSON COLLEGE COLLETON ST JOHN BARBADOS B W I	B SC 2
FARMER MARION ALISON ROYAL VICTORIA COLLEGE 18 MAPLE LANE OTTAWA ONT	B A 2
FARMER PETER EVELYN DAWSON COLLEGE QUE GIBBONS CHRIST CHURCH BARBADOS B W I	B ENG MC 2
FARR BARBARA ANN 1482 CLOSSE ST MONTREAL QUE	A & S CO 1 WI 0342
FARWELL NORMA E MACDONALD COLLEGE COMPTON QUE	TCH ELEM 1
FAUGHNAN BARBARA K 842 DAVAAR AVE OUTREMONT QUE	PHYSIOTH 1 CR 7663
FAUGHNAN MARY ILMA 333 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 0746
FAUTEUX PAUL JEAN 4836 ISABELLA AVE MONTREAL QUE	B C L 1 AT 7188
FAVIS DIMITRIOS CENTRAL Y M C A MONTREAL QUE PORTHENONOS SH 12 ATHENS GREECE	PH D 2
FAVREAU JEAN LOUIS 5607 PHILLIPS AVE MONTREAL QUE	B C L 1 AT 0541
FAVREAU ROBERT 191 GRANT STREET LONGUEUIL QUE	MED DIPL 2
FAY KEVIN JOHN MTL GENERAL HOSPITAL W D C O C G LONG DAMASCHS OHIO U S A	MED DIPL 1
FEE DOROTHY EMMA ROYAL VICTOLIA COLLEGE 112 HADDOM ST N HAMILTON ONTARIO	B SC P E 3
FEE HARRY N MACDONALD COLLEGE 61 PARK AVE OTTAWA ONT	B SC AGR 3
FEHER MARY M J 3487 JEANNE MANCE ST MONTREAL 18 QUE	B A 1 LA 1950
FEINBERG ISADORE A 4534 ST URBAIN ST MONTREAL QUE	B ENG EL 4 LA 6043
FEINMAN LOUIS JOSEPH 5932 ESPLANADE AVE MONTREAL QUE	B ENG EL 4
FELDMAN DIANE SORREL 732 UPPER ROSLYN AVE WESTMOUNT QUE	B A 2 EL 0315
FELDMAN IRWIN 4169 ST LAWRENCE BLVD MONTREAL QUE	B SC 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FELDMAN PEARL G MACDONALD COLLEGE 5450 ST LAWRENCE BLVD MONTREAL QUE	TCH ELEM 1
FELDMAN RUBIN M 68 COTE ST CATHERINE RD OUTREMONT QUE	B SC 3 DO 0902
FENNIX ELIZABETH M 5534 CLANRANALD AVE MONTREAL QUE	B A 2 AT 3615
FENSOM ROBERT M 176 DUFFERIN ROAD HAMPSTEAD QUE	B SC 3 DE 8390
FENTON KENNETH A 3508 UNIVERSITY ST MONTREAL QUE ARUNDEL QUE	B D 1 HA 4873
FENWICK DONALD REID 697 VICTORIA AVE WESTMOUNT QUE	B COM 2 EL 2662
FENWICK EDWARD T 697 VICTORIA AVE WESTMOUNT QUE	B ENG MC 4 EL 2662
FERGUSON ALAN HOWARD 1 GRANVILLE ROAD HAMPSTEAD QUE	B COM 2 DE 0883
FERGUSON COLIN CAMPBELL ROYAL VICTORIA HOSPITAL 7 A PASADENA COURT WINNIPEGE MAN	MED DIPL 4
FERGUSON ELIZABETH R B MACDONALD COLLEGE 24 GRANVILLE ROAD HAMPSTEAD QUE	B SC H E 4
FERGUSON JOHN MUNROE 2245 HAMPTON AVE N D G DUNDEE	MD CM 1 EL 1741
FERGUSON RICHARD CAMERO MACDONALD COLLEGE 470 BERWICK AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 3
FERGUSON ROBERT M 1421 BISHOP ST APT 5 MONTREAL QUE	B ENG PH 3 BE 442
FERGUSON THOMAS H 5 LEGAULT ST ST ANNE DE BELLEVUE 4200 GRAND BLVD N D G MONTREAL QUE	B SC AGR 4
FERRABEE JOAN D 1509 SHERBROOKE ST W MONTREAL QUE	B ARCH 3
FERRIER ALEXANDER 3633 OXENDEN AVE MONTREAL QUE 240 CHARLOTTE ST OTTAWA ONT	B ARCH 3 LA 6896
FERRIER DAVID ALEXANDER DOUGLAS HALL 240 CHARLOTTE OTTAWA ONT	B COM 3
FERRIER MARY JANE ROYAL VICTORIA COLLEGE 240 CHARLOTTE ST OTTAWA ONT	B A 1
FERRIS JOHN ALBERT 50 ST JEAN BAPTISTE VALLEYFIELD QUE	M A 1
FETHERSTONHAUGH JOHN 1469 DRUMMOND ST APT 31 MONTREAL	B C L 3 MA 7433
FETTERLY ELGIN REA DAWSON COLLEGE QUE 667 BLOOMFIELD AVE OUTREMONT QUE	B ENG 1 CR 2306
FEWTRELL HERBERT L DAWSON COLLEGE 16 PTE CLAIRE AVE POINTE CLAIRE QUE	B ENG MC 2
FFOLKES EUGENE A MACDONALD COLLEGE 70 WALTHAM PARK RD H W T JAMAICA B W	B SC AGR 3
FIELD BARBARA A MACDONALD COLLEGE 2204 MELROSE AVE N D G MONTREAL QUE	B SC AGR 3
FIELD DONALD WHITE 213 DUFFERIN ROAD HAMPSTEAD QUE CENTREVILLE CAR CO N B	B COM 1 WA 3662
FIELD GEORGE W 2542 MONTCLAIR AVE N D G MONTREAL QUE	B SC 4 WA 4868
FIELDER GEORGE A MACDONALD COLLEGE LA GABELLE ST MAURICE CO QUE	B SC AGR 4
FIELDING ROBERT EDWARD DAWSON COLLEGE WESTERN UNION TEL CO HORTA FAIAL AZORES	B ENG CI 1
FILER MARY HARRIS ★ 4085 GAGE RD MTL QUE 4611 ANGUS DRIVE VANCOUVER B C	B F A 4 FI 6511
FILIATRAULT HARRY D 3550 RIDGEWOOD AVE MONTREAL QUE	B ENG MC 3
FINCH CHARMIAN L ROYAL VICTORIA COLLEGE STANSTEAD QUE	B A 3
FINCHAM KENNETH CAMERON 303 MELROSE AVE VERDUN 19 QUE	B COM 4 YO 7763
FINDLAY DAVID WILLIAM 2310 CORNWALL STREET VANCOUVER B C	D D S 3
FINDLAY DONALD URQUHART 216 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG ME 3 AT 6744
FINDLAY HUGH THOMAS 1173 HOPE AVE MONTREAL QUE	B SC 3 WI 6313
FINDLAY INA JEAN ROYAL VICTORIA COLLEGE AUNOR GOLD MINES TIMMINS ONT	B A 1
FINDLAY LIONEL J 7421 BAYARD STREET TOWN OF MOUNT ROYAL QUE 102 ACADEMY ROAD DANVILLE QUE	B ENG CI 4 AT 2591
FINDLAY PAULA J 4685 WESTMOUNT AVE WESTMOUNT QUE	B S W 1 EL 5693
FINDLAY VICTOR G 426 SHERBROOKE ST MTL 61 BELVIDERE ST LENNOXVILLE QUE	B ENG MC 4
FINE GLORIA CECILE 5356 BRODEUR AVE N D G MONTREAL QUE	B A 1 EL 5243
FINEBERG IRWIN MORTIMER 3295 RIDGEWOOD AVE MONTREAL QUE	D D S 4 EX 5683

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FINK NAPOLEON RICHARD T 211 FLORENCE ST OTTAWA ONT	MD CM 1
FINKEL RHODA MANNIE 4540 CLARK ST APT 6 MONTREAL 14 QUE	B A 2 PL 7555
FINLAYSON DONALD G 3459 DRUMMOND ST MTL 200 CARLING AVE OTTAWA ONT	B C L 1
FINLEY ALAN HOWARD 2478 MCTAVISH STREET MTL 320 COTE ST ANTOINE RD MONTREAL 6 QUE	MD CM 1 PL 7412
FINLEY RUSSELL H 3508 UNIVERSITY MONTREAL QUE 244 FIFTH ST MEDICINE HAT ALBERTA	B D 2 HA 4873
FINNAMORE DAVID B MACDONALD COLLEGE 245 DUKE ST ST JOHN N B	B SC AGR 4
FIORITO DOMINIQUE 7197 DROLET ST MONTREAL QUE	L MUS 2 CA 2280
FIRING LARS JOHN 5735 COTE DES NEIGES MONTREAL QUE	B ENG CH 4
FIRTH DAVID ROSS 7824 DUROCHER AVE MONTREAL 15 QUE	B SC P E 3 CA 4002
FIRTH JOHN M MACDONALD COLLEGE 7794 QUERBES AVE MONTREAL QUE	B SC AGR 3
FISH MURIEL F MACDONALD COLLEGE 327 ST FRANCOIS XAVIER THREE RIVERS QUE	B SC H E 3
FISHER BRUCE H 3429 PEEL ST MONTREAL QUE WEST SUMMERLAND B C	PH D 2 PL 7385
FISHER ELAINE FRANCES 3525 GREY AVE MONTREAL QUE	B SC 1 DE 1298
FISHER GORDON NEIL 56 BELVEDERE CIRCLE WESTMOUNT QUE	B ENG MC 4 FI 1411
FISHER JOHN P 56 BELVEDERE CIRCLE WESTMOUNT QUE	B ENG MC 3 FI 1411
FISHER MARILYN THOMPSON ROYAL VICTORIA COLLEGE BOURLAMAQUE QUE	B SC 1
FISHER MARTHA JUNE 56 BELVEDERE CIRCLE MONTREAL QUE	B SC 2 FI 1411
FISHER MARY LOUISA 642 VICTORIA AVE WESTMOUNT QUE R R NO 1 AUSTIN QUE	MD CM 1 EL 5403
FISHMAN JOSEPH 4783 MAPLEWOOD AVE MONTREAL QUE	B SC 4 AT 9545
FISHMAN SHEROLD 631 PRINCE ARTHUR ST APT 3 MONTREAL QUE	PH D 2 MA 4055
FISKE CLARENCE A 3485 MCTAVISH ST MTL MARTINTOWN ONT	B C L 2
FITTS ROBERT ALOYSIUS 1526 CRESCENT ST MONTREAL 63 MAPLE AVE CHAPPAQVA N Y U S A	B SC 3
FITZ GERALD BRUORTON R 3508 UNIVERSITY ST MTL FAIRVIEW TRINITY EAST NEWFOUNDLAND	MD CM 1
FITZGERALD CLAIRE M ROYAL VICTORIA COLLEGE 188 MAIN ST LACHUTE QUE	B A 1
FITZHARDINGE PAMELA M 31 UNION BLVD ST LAMBERT QUE	B SC 2
FITZPATRICK JOHN M MACDONALD COLLEGE 30 HELENA ST OTTAWA ONT	B SC AGR 3
FITZPATRICK TERENCE J MACDONALD COLLEGE 30 HELENA ST OTTAWA ONT	B SC AGR 3
FLAMER ARTHUR A 4899 ST LAWRENCE BLVD MONTREAL QUE	B ARCH 2 LA 9569
FLANAGAN JOHN PETER MACDONALD COLLEGE 659 GROSVENOR AVE WESTMOUNT QUE	B SC AGR 2
FLANIGIN HERMAN F JR 3350 BARCLAY AVE APT 2 MONTREAL QUE OKLAHOMA CITY OKLAHOMA U S A	M SC 1 EX 4969
FLATER GEORGE G PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MC 4
FLEMING ARTHUR BALFE 4324 SHERBROOKE ST W APT 46 MONTREAL QUE 224 BEHNSEN ST NELSON B C	B ENG MI 3 FI 5551
FLEMING CHARLES W 455 DOLLARD AVE MONTREAL SOUTH QUE	B ENG MC 4
FLEMING KELVIN ORR 3572 LORNE AVE APT 16 MONTREAL 5788 CYPRESS ST VANCOUVER B C	MED DIPL 3 PL 7423
FLEMING RICHARD GORDON 5681 TERREBONNE AVE MONTREAL 28 QUE	B SC 3 DE 1589
FLETCHER THOMAS W MACDONALD COLLEGE 26 WENDOVER AVE OTTAWA ONT	B SC AGR 4
FLETCHER WALTER HENRY 9420 BERRI ST APT 1 MTL 110 CHURCH ST AMHERST N S	MD CM 1 DU 1522
FLEWELLING GARETH W 3415 ONTARIO AVE MONTREAL QUE 486 KENT ST OTTAWA ONT	B ENG MC 4
FLEWWELLING JOHN D PETERSON RESIDENCE 25TH AVE LACHINE QUE	B SC P E 4
FLIGEL HARRY 4078 CITY HALL AVE MONTREAL QUE	B ENG EL 4 HA 4527
FLOWER LOUIS G 5457 ST URBAIN ST MONTREAL QUE	B SC 2 CR 0076

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FLOWERS LEONARD BRIAN Y M C A DRUMMOND ST MONTREAL QUE 8927 81 AVENUE EDMONTON ALTA	B ENG MC 4
FLOYER DAVID C 481 PRINCE ARTHUR ST MONTREAL QUE C O LLOYDS BANK LTD 6 PALL MALL LDN SWL ENG	B ENG CI 4
FLUET CLAIRE ANITA ROYAL VICTORIA COLLEGE 362 DELORAINE AVE TORONTO ONT	B SC 3
FLUMERFELT GEORGE W 2181 MARCIL AVE MONTREAL QUE	B ENG MI 3 DE 3724
FOCHS NATALIE L 383 ROSLYN AVE WESTMOUNT QUE	B A 4 DE 3181
FONSECA OWEN W 3950 RIDGEVALE AVE APT 10 MONTREAL QUE 4 EUREKA RD CROSS ROADS JAMAICA B W I	M A 3
FONTAINE ACHILLE 219 SHERBROOKE ST E MTL 8 ST ERNEST STREET CHARNY CO LEVIS QUE	B ENG CI 3 HA 2741
FOOKS FLORENCE R ROYAL VICTORIA COLLEGE 25 COUNT DRIVE LANCASTER WILMINGTON DELAWARE U S	B A 2
FOLLAND JOYCE WINIFRED MACDONALD COLLEGE 2184 CLIFTON AVE N D G MONTREAL QUE	TCH ELEN 1
FOOT HERBERT WRAY 3429 PEEL ST MONTREAL QUE 53 GILHOLM AVE GALT ONT	B ENG CI 3 PL 7385
FONTAINE ARTHUR ROBERT 495 PRINCE ARTHUR APT 27 MONTREAL QUE ROUTE 67 BOX 81 MANCHESTER N H U S A	B SC 2 MA 4337
FORBES ALBERT M DAWSON COLLEGE QUE BUSTAMANTE 56 SANTIAGO CHILE	B ENG 1
FORBES COLIN EDWARD 3445 PEEL ST MONTREAL QUE 26 CONSTANT SPRING RD HA JAMAICA B W I	B SC 3 HA 9462 Y TREE
FORBES ENID A MACDONALD COLLEGE 3785 MELROSE AVE N D G MONTREAL 28 QUE	B SC H E 4
FORBES LAWRENCE LYSLE R 4541 OLD ORCHARD AVE N D G MONTREAL QUE	B SC P E 2 EL 3856
FORCAND ROBERT JAMES 4630 OXFORD AVENUE N D G MONTREAL QUE	B SC P E 4 WA 8896
FORD JESSICA EYRE 456 PINE AVE W MONTREAL QUE	B A 4 LA 6052
FORD JOHN D MACDONALD COLLEGE 7 CANARY ROAD STRATHMORE QUE	B SC AGR 2
FORD WILLIAM H 50 ALEPIN AVE VILLE LASALLE QUE	B SC 4 HE 1498

NAME ADDRESS	COURSE & YEAR TEL. NO.
FORDE MERCIA P ROYAL VICTORIA COLLEGE 407 WILBROD ST OTTAWA ONT	B A 3
FORGAYS DONALD G 2022 UNION AVE MONTREAL QUE 250 BRONXVILLE RD BRONXVILLE N Y U S A	PH D 3
FORGET LUCIE M 3452 VENDOME M D G MONTREAL QUE	B A 4 DE 8083
FORGRAVE ROSS AUBREY 223 FORTIN ST ST JOHNS QUE	PARTIAL
FORGUS RONALD HENRY 368 MILTON MONTREAL QUE 1 KEPPEL ST CAPETOWN SO AFRICA	B SC 4 LA 1838
FORREST ARCHIBALD 785 4TH AVENUE VERDUN QUE	B C L 2 YO 6854
FORSE RAYMOND A 620 PRINCE ARTHUR ST W MONTREAL QUE SALISBURY N B	M SC 1 MA 6850
FORSTER GEORGE VERNON 10 ST GEORGE S PLACE WESTMOUNT QUE	B COM 2 DE 1628
FORSTER JEAN A MACDONALD COLLEGE 4405 WELLINGTON ST VERDUN QUE	B SC H E 3
FORSTER MARY NANCE 10 ST GEORGE S PLACE WESTMOUNT QUE	PHYSIOTH 1 DE 1628
FORSYTH PETER ALLAN PETERSON RESIDENCE 375 2ND ST MEDICINE HAT ALBERTA	PH D 2
FORTIER GEORGE LIONEL 5390 DUROCHER AVE MTL 8 OUTREMONT	MD CM 2 DO 2619
FORTIER LOUIS RENE MACDONALD COLLEGE VARENNES QUE	GRAD QUA 1
FORTIER RONALD FRED DAWSON COLLEGE 5390 DUROCHER AVE OUTREMONT QUE	B ENG EL 2 DO 2619
FORTIN JOSEPH ANTOINE G 3454 STANLEY STREET APT G MONTREAL QUE	MED DIPL 3 LA 2414
FORTIN J B G 6735 DE LAROCHE ST MONTREAL QUE	B ENG MC 2
FORTIN LOUIS JOSEPH 66 WILLOWDALE AVE OUTREMONT QUE	MD CM 4 EX 1081
FOSTER BRUCE A 202 GOHIER ST ST LAURENT QUE	B ENG MC 4 BY 2735
FOSTER LEIGH CURTIS 45 0 ST CATHERINE ST W WESTMOUNT QUE	B SC 4 WI 14 9
FOSTER MELVIN LEWIS 5500 VICTORIA AVE APT 11 MONTREAL QUE	B ENG CH 3
FOSTER RODERICK CAMPBEL 57 BELVEDERE CIRCLE MONTREAL QUE	B COM 2 FI 8100
FOSTER WILLIAM TURNBULL 414 NOTRE DAME AVE ST LAMBERT QUE	B COM 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FOTHERGILL ALAN CHARLES 26 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE	B SC 4 AT 2377
FOTHERGILL NOEL O 6177 N D G AVE N D G MONTREAL QUE 26 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE	M SC 1 DE 3150
FOTHERINGHAM JOHN 5 ST GEORGES PLACE WESTMOUNT QUE	B SC 3 EL 0892
FOUNTAIN CHARLES WILLIAM 72 LONDON ST SHERBROOKE QUE	MD CM 3
FOURNEL PIERRE 4224 FABRE ST MONTREAL QUE	B COM 4 FR 3300
FOWLER EVAN LEWIS DAWSON COLLEGE QUE 74 OTTAWA ST GRANBY QUE	B ENG MC 2
FOWLER MALCOLM D 350 WILLOWDALE AVE APT 23 MONTREAL 26 QUE	B ENG MC 3 AT 8860
FOWLER VICTOR BLISS 2100 MARLOWE AVE MTL HUMPHREY N B	MD CM 3 DE 3571
FOWLER WILLIAM H PETERSON RESIDENCE 25 TH AVE LACHINE QUE	B ENG CH 4
FOWNES JOHN ALBERT 2161 DORCHESTER ST W MONTREAL QUE BADDECK NOVA SCOTIA	MED DIPL 4 WI 0337
FOX ANTON 2158 ST CATHERINE ST W MONTREAL QUE	PARTIAL
FOX EDWARD JOSEPH 3581 TUROCHER STREET MTL 43 FRASER STREET QUEBEC P Q	D D S 3 HA 7778
FOX EDWARD MARK 221 CLARKE AVE APT 2 WESTMOUNT QUE	B COM 4 WI 3626
FOX ELINOR MARGARET 4051 HARVARD AVE N D G MONTREAL QUE	B A 3 DE 9633
FOX ERNEST ARTHUR DOUGLAS HALL 16 RENNIE S MILL RD ST JOHNS NEWFOUNDLAND	B SC P E 2
FOX JOHN ARTHUR WILLIAM 3506 UNIVERSITY STREET 172 VICTORIA ST E AMHERST N S	B SC P E 4
FOX MARION DOUGLAS 4047 KENT AVE MONTREAL QUE	B SC 4 EX 5645
FOX SHEILA M 4051 HARVARD AVE N D G MONTREAL QUE	B A 3 DE 9633
FOY LORNE FRANCIS 1119 GREENE AVE WESTMOUNT QUE	B COM 2 WE 4896
FOYLE MAY ROYAL VICTORIA COLLEGE ST JOSEPH D ALMA LAKE ST JOHN QUE	B SC 4
FOYLE WILLIAM LOUIS 127 CLANDEBOYE AVE WTMT BOX 144 ST JOSEPH D ALMA LAKE ST JOHN QUE	B ENG EL 3

NAME ADDRESS	COURSE & YEAR TEL. NO.
FRACKSON SOLOMON HARRY 3993 CLARK ST MTL BOX 1889 A R R 3 VICTORIA B C	B SC 3 HA 0554
FRAM JANET RUTH 2832 WILLOWDALE AVE MONTREAL QUE	B A 2 AT 2422
FRANCESCHELLI F 7734 QUERBES AVE APT 3 PARK EXTENSION MONTREAL	B ENG MC 3 VI 7015
FRANCIS JOHN W 1220 DECARIE BLVD VILLE ST LAURENT QUE SOURIS P E I	B ENG MC 4
FRANCIS OLIVER C N 500 PINE AVE MONTREAL QUE 299 CHURCH ST GEORGETOWN BR GUIANA	B A 4 BE 0327
FRANCIS WYNNE 4509 ST CATHERINE ST W WESTMOUNT QUE	M A 2 WI 0924
FRANCOEUR MARC 1501 CHOMEDY ST MONTREAL QUE 144 GRANDE ALLEE QUEBEC QUE	B SC 4
FRANCOEUR MARIELLE 5312 PAPINEAU AVE MONTREAL QUE	B C L 1 AM 8130
FRANK ALLAN BARRY DAWSON COLLEGE 702 ST DOMINIQUE ST JONQUIERE QUE	B SC 1
FRANK EDWARD W 7169 BERRI ST MONTREAL 10 QUE 35 MERION ST GUELPH ONT	B SC 3 DO 5763
FRANK GERALD LOUIS 6624 MCLYNN AVE MONTREAL QUE	B A 1 AT 4237
FRANK HAROLD 4801 HUTCHISON STREET MONTREAL QUE	B A 2 VI 3560
FRANK MARGIT 1300 PINE AVE W MONTREAL QUE	PH D 1 HA 1143
FRANKEL SAUL 6060 DARLINGTON AVE MONTREAL QUE	B A 4 EX 6948
FRANKLIN ARTHUR EDMUND 1244 MANSFIELD ST MONTREAL QUE 718 LOTBIENERE ST PRINCE RUPERT B C	PH D 2 LA 6827
FRANKLIN HOWARD C DAWSON COLLEGE 17 MILLVILLE ST CORNWALL ONT	B ENG EL 2
FRANKLIN MARTIN HENRY 5381 GROVEHILL PLACE N D G MONTREAL QUE	B C L 2 DE 0753
FRANKOWSKI STEFAN 3465 COTE DES NEIGES RD MONTREAL QUE	B ENG MC 4 WI 2746
FRASER ALBERT SCOTT 174 EDGEHILL RD WESTMOUNT QUE	B COM 3 WA 3071
FRASER ALEXANDER G 5542 DECELLE AVE MONTREAL QUE	M A 3 AT 9988
FRASER ANTHONY D 2035 MAPLEWOOD AVE MONTREAL QUE	B COM 3 AT 1621

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FRASER ARTHUR JOHN PETERSON RESIDENCE 53 PLEASANT STREET DARTMOUTH N S	B SC P E 4
FRASER AUDREY J MACDONALD COLLEGE BOX 305 MORRISBURG ONT	B SC H E 3
FRASER DAVID CHARLES E DOUGLAS HALL MTL 10 GOULBURNE AVE OTTAWA ONT	MD CM 3
FRASER DORIS SARAH 1365 OUIMET ST ST LAURENT QUE DUNDEE QUE	B F A 2
FRASER DUNCAN C 57 ROSEMONT CRESCENT WESTMOUNT QUE	B A 3 FI 2297
FRASER EDWARD M DAWSON COLLEGE 462 PLEASANT ST NEW GLASGOW N S	B ENG MC 2
FRASER FRANK CLARKE 1435 ST MARK ST MTL BEAR RIVER N S	MD CM 4 WI 9940
FRASER GORDON LOCKHART 1210 PINE AVE W MONTREAL QUE 174 2ND ST SHAWINIGAN FALLS QUE	B COM 4 HA 0098
FRASER IAIN ELSWOOD 4320 MONTROSE AVE WESTMOUNT QUE	PARTIAL WE 3716
FRASER IAN C MACDONALD COLLEGE BOX 85 MORRISBURG ONT	B SC AGR 2
FRASER IAN ROSS 57 ROSEMOUNT CRESCENT WESTMOUNT QUE	B COM 4 FI 2297
FRASER IRVING G DAWSON COLLEGE 434 PLEASANT ST NEW GLASGOW N S	B ENG CI 2
FRASER JAMES ARCHIBALD 3633 OXENDEN AVE MONTREAL QUE FAIRFIELD CONN U S A	B A 2 LA 6896
FRASER JOHN SMITH 209 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 0141
FRASER MARY C 4557 SHERBROOKE ST W APT 21 MONTREAL QUE PORT HOPE ONT	SOC WORK 2 EL 2123
FRASER ROBERT ALEXANDER 3880 BENNY AVE APT 23 N D G MONTREAL QUE	M A 2 DE 5153
FRASER ROBERT JAMES 1645 ST LUC ST MTL SHAUNAVON SASK	D D S 3
FRASER WILLIAM M DAWSON COLLEGE PORT DANIEL STATION QUE	B ENG CI 2
FRASER WILMUR FAULKNER ROYAL VICTORIA HOSPITAL STELLARTON N S	MED DIPL 1 PL 1251
FRAZEE JAMES LITTLE 1025 PINE AVE W MTL 1551 ANGUS DR VANCOUVER B C	MED DIPL 1
FRAZIER ROBERT WALTER 3434 MCTAVISH ST MONTREAL QUE COLONIAL HEIGHTS MERIDEN CONN U S A	B SC 3 PL 4492
FREDERIKSEN W C 419 PRINCE ARTHUR ST W MONTREAL QUE 1010 PALMERSTON AVE WINNIPEG MAN	B ENG MC 3 HA 1088
FREE DOUGLAS GRANT DAWSON COLLEGE BOX 308 CAMPBELLFORD ONT	B ENG 1
FREEDMAN ARTHUR NEWMAN 4832 VICTORIA AVE MONTREAL QUE	B A 3 DE 1881
FREEDMAN MORTON DAWSON COLLEGE 363 MAYOR ST APT 4 MONTREAL QUE	B SC 2
FREEDMAN NATHAN J 3669 CITY HALL ST MONTREAL QUE 306 COLLEGE AVE WINNIPEG MAN	B SC 3 BE 4971
FREEDMAN SAMUEL FREEDMAN 658 MURRAY HILL WESTMOUNT QUE	MD CM 1 EL 4931
FREEDMAN STUART NOEL 4869 ISABELLA AVE MONTREAL QUE 2625 FILBERT AVE READING PA U S A	B SC 4 EX 5349
FREEDMAN THEODORE H 4999 VICTORIA AVE MONTREAL QUE	B SC 4 EX 4492
FREEMAN DOROTHY E 48 JOYCE AVE APT 11 OUTREMONT QUE	B A 4 CA 1027
FREEMAN KENNETH RALPH Y M C A 1441 DRUMMOND MONTREAL QUE 89 SEELY STREET SAINT JOHN N B	H SCH DI 5
FREEZE HOWARD F DOUGLAS HALL CALGARY ALB	B SC 4
FRENCH ARTHUR DOUGLAS 5975 TERREBONNE AVE N D G MONTREAL QUE	MD CM 4 EL 9909
FRENCH EDITH ELIZABETH 3627 DECARIE BLVD MTL 44 COLLEGE ST HANOVER N H U S A	MD CM 4 DE 9775
FRENCH ENID M MACDONALD COLLEGE 723 UPPER LANSDOWNE AVE WESTMOUNT QUE	TCH INT 1
FRENCH GEORGE P 3656 PARK AVE MTL HARBOUR GRACE NEWFOUNDLAND	D D S 2 MA 7286
FRENCH HOWARD S MACDONALD COLLEGE R R 1 HOWARD AVE ROSELAND ONT	B SC AGR 1
FRENETTE JOSEPH N DAWSON COLLEGE QUE 28 ST ANN ST PTE AUX TREMBLES QUE	B ENG MC 2 CL 4401
FREWIN ROBERT THROSBY 16 NORTHCOTE RD HAMPSTEAD QUE	B COM 2 DE 1533

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FREYER ANN ROYAL VICTORIA COLLEGE 91 WEEKS AVE CORNWALL N Y U S A	B A 2
FRIARS GERALD W MAC DONALD COLLEGE SUSSEX N B	B SC AGR 3
FRICKER KATHLEEN M 261 MELVILLE AVE WESTMOUNT QUE	M A 2 WE 4921
FRIDHANDLER LOUIS 4641 CLARK ST MONTREAL QUE	M SC 2 LA 0616
FRIEDMAN ALAN LEONARD 4745 MERIDIAN AVE MONTREAL QUE	B COM 1 DE 1551
FRIEDMAN HORACE 3360 RIDGEWOOD Rd APT 11 MONTREAL QUE	B C L 2 EX 1370
FRIEDMAN IRVING DAWSON COLLEGE 6317 DE VIMY AVE MONTREAL QUE	B ENG 1 EX 3118
FRIEDMAN JACK 4126 CLARK ST MONTREAL QUE 4887 PARK AVE MONTREAL QUE	B COM 4 HA 2601
FRIEDMAN JERRY JOSEPH 4373 WESTMOUNT AVE WESTMOUNT QUE	B A 1 DE 4943
FRIEDMAN JOSEPH AARON 4887 PARK AVE MONTREAL QUE	B A 2 CA 9289
FRIEDMAN LEON DAWSON COLLEGE 854 DOLLARD AVE OUTREMONT QUE	B SC 1 C A 7571
FRIEDMAN MARTIN 4903 FULTON AVE MONTREAL QUE	B ENG EL 4 EX 1558
FRIEDMAN MYRNA 4373 WESTMOUNT AVE MONTREAL QUE	B A 1 DE 4943
FRIEDMAN SEYMOUR ROYAL VICTORIA HOSPITAL 209 JAY ST OGDENSBURG NEW YORK U S A	MED DIPL 1 PL 1251
FRIEDMAN WILFRED ARMIN 2047 UNION AVE MTL P O BOX 622 GRIMSBY ONT	MD CM 1 LA 3380
FRIEDMAN WILFRED M DAWSON COLLEGE 1428 MANSFIELD ST MONTREAL QUE	B SC 2 PL 8322
FRIEND GREGORY C O 3283 VAN HORNE MONTREAL QUE TYRONE ONT	B A 2 AT 4437
FRIEND WILLIAM G MACDONALD COLLEGE 122 BELMONT AVE OTTAWA ONT	B SC AGR 4
FRISCH JOHN FRANCIS DAWSON COLLEGE TEMISKAMING QUE	B ENG CI 2
FROM PAUL CASEY 2034 METCALFE MONTREAL QUE BOX 108 SLOATSBURG N Y U S A	B A 3 LA 4546
FROMAN BENJAMIN 395 RIDEAU ST OTTAWA ONT	B ENG CI 4
FROSSARD ALBERT F DAWSON COLLEGE 331 CLARKE AVE WESTMOUNT QUE	B ENG 1 WI 5289
FROST STEWART GEO 4701 VICTORIA AVE MONTREAL QUE 1197 MERCURE BLVD DRUMMONDVILLE QUE	B ENG CI 4
FROST VIOLET ERNESTINE 42 BURTON AVE WESTMOUNT QUE	MD CM 3 DE 2557
FRY JOHN GILBERT S 16 THORNHILL AVE WESTMOUNT QUE	B A 3 FI 3633
FUENTES ALBERTO WILSON HALL COLOMBA QUEZALTENANGO GUATEMALA	B A 3
FUGERE CHARLES ARTHUR 222 REDFERN AVE APT 29 WESTMOUNT QUE	B COM 4
FUJIMAGARI TAK 3550 LORNE AVE MTL TABER ALTA	B SC 2 BE 0468
FULFORD GEORGE TAYLOR 3653 UNIVERSITY ST MONTREAL QUE FULFORD PLACE BROCKVILLE ONT	B A 4 PL 2073
FULLER HAZELJEAN 4717 VICTORIA AVE MONTREAL 6 QUE	B A 1 EL 6817
FULLER JOHN A 3445 ONTARIO AVE MONTREAL QUE ★	B COM 4 LA 1852
FULLERTON HENRY DICK 3653 UNIVERSITY ST MTL MONTREAL QUE 100 BAGOT ST COBOURG ONT	PARTIAL PL 2073
FULLERTON ROBERT B 4590 RIDGEVALE AVE MONTREAL 26 QUE	B ENG CI 4 EX 4572
FULLERTON WILLIAM E 396 GROSVENOR AVE WESTMOUNT QUE	B ENG ME 4 DE 0608
FULTON ALAN POOLE MTL GENERAL HOSPITAL C D 3380 RIDGEWOOD AVE MONTREAL QUE	MED DIPL 5 PL 7751
FULTON GEORGE WILLIAM 62 8TH AVE IBERVILLE QUE	B ENG EL 3
FUNES CARLOS SAN SALVADOR EL SALVADOR	B ENG MC 3
FUNG A LING W A DAWSON COLLEGE 56 ANIRA AND NEW GARDEN BRITISH GUIANA S A	B SC 2
FURLONG JOHN KENNETH 5685 HUTCHISON ST MONTREAL QUE	B ENG CH 3 VI 5773
FURSE GEORGE ARMAND 4095 COTE DES NEIGES RD APT 20 MONTREAL QUE	B COM 1 FI 1052
FURST MAX DAWSON COLLEGE SAN PEDRO SULA HONDURAS C A	B ENG 1
FUSEY ROBERT ERNEST 1866 DORCHESTER W APT 7 MONTREAL QUE	B C L 1 WE 3686

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.

G

GADBOIS DENISE LOUISE
860 SHERBROOKE ST E
MONTREAL QUE
DORION VAUDREUIL QUE
B A 3
CH 6542

GADBOIS PIERRE
1558 PINE AVE W
MONTREAL QUE
PH D 2
FI 3736

GAETZ HAROLD PARRY
DAWSON COLLEGE QUE
LAUREL HEIGHTS
SHELTON CONN U S A
B SC 1

GAGNON GEORGES R
1680 SHERBROOKE ST E
APT 5 MONTREAL QUE
B COM 2
FR 8611

GAGNON GERARD J
1386 LAURIER AVE E
MONTREAL QUE
B ENG MC 4
AM 5637

GAGNON THOMAS ALFRED
1680 SHERBROOKE E APT 5
MONTREAL QUE
B COM 2
FR 8611

GAITENS DONALD R
3514 HUTCHISON ST APT 24
MONTREAL QUE
B ENG MC 4
PL 7437

GALARNEAU MARY IRENE
7674 EDWARD ST
LASALLE QUE
B A 2
TR 0139

GALBRAITH JOHN A
5479 2ND AVENUE
ROSEMOUNT MTL 36 QUE
M COM 1
FA 4703

GALBRAITH MARION R
MACDONALD COLLEGE
BOX 390 ROUYN QUE
TCH INT 1

GALEY NORMAN CHARLES
2291 BEACONSFIELD AVE
N D G MONTREAL QUE
B A 2
EL 5988

GALIPEAU JOHN F
6690A CHRISTOPHE COLOMB
MONTREAL QUE
B SC 2 1
VI 7833

GALLAGHER WILLIAM P
3506 UNIVERSITY ST
MONTREAL QUE
1083 JESSIE AVE
WINNIPEG MAN
B ENG MI 4

GALLER BEATRICE HELEN
4869 VICTORIA AVE
MONTREAL QUE
B A 2
EL 0285

GALLEY JOAN GERTRUDE
ROYAL VICTORIA COLLEGE
111 SOUNDVIEW AVE
WHITE PLAINS N Y U S A
B A 1

GAMBLE ALBERT EDWARD
MCMASTERVILLE QUE
H SCH DI 5

GAMEROFF MARVIN B
736 WILDER AVE
OUTREMONT QUE
B A 1
AT 1577

GANI EBRAHIM A
7508 BLOOMFIELD AVE
MONTREAL QUE
BALFOUR NORTH
SOUTH AFRICA
B SC 3
GR 3814

GANNON JOHN WILLIAM
5963 ST URBAIN ST
MONTREAL QUE
B COM 4
TA 6440

GANSNER NORMAN C
400 7TH AVE
VILLE LASALLE QUE
B ENG EL 3
HE 1510

GANTER ELTON LAWRENCE
DOUGLAS HALL
EVANS MILLS
N Y U S A
MD CM 2

GARABEDIAN EDWARD
2 PROSPECT ST
MONTREAL QUE
101 JEFFERSON AVE
CHELSEA MASS U S A
B A 4
WI 0084

GARAND JOSEPH J
39 STE ANNE ST
STE ANNE DE BELLEVUE
B SC AGR 1

GARBER EILEEN E
4750 DUPUIS AVE APT S7
MONTREAL QUE
M S W 2
EX 0761

GARBER HARRY Y
4338 MONTROSE AVE
WESTMOUNT QUE
B A 3
WE 5882

GARBER RALPH
4750 DUPUIS S 7
MONTREAL QUE
M S W 2
EX 0761

GARBER SEYMOUR STANLEY
4249 ESPLANADE AVE
MONTREAL QUE
B A 1
BE 1257

GARBUZ ASHER
5614 WAVERLY ST
MONTREAL QUE
B COM 1
VI 9280

GARBUZ RUTH
MACDONALD COLLEGE
5614 WAVERLY ST
MONTREAL QUE
TCH ELEM 1

GARCEAU BERNARD P
64 PRINCE ARTHUR ST
MONTREAL QUE
201 9TH STREET
GRAND MERE QUE
B ENG EL 3

GARDAVSKY BORIS
550 STANSTEAD AVE
TOWN OF MOUNT ROYAL QUE
B ENG MC 3
AT 9188

GARDNER ANN MORELAND
6 MURRAY AVE
WESTMOUNT QUE
B A 2
DE 0239

GARDNER CHARLES W JR
MILLER
SOUTH DAKOTA U S A
M A 2

GARDNER DONALD S
MAC DONALD COLLEGE
4872 COTE DES NEIGES RD
MONTREAL QUE
B SC AGR 2

GARDNER ISABELLA M E H
MACDONALD COLLEGE
313 GROSVENOR AVE
WESTMOUNT QUE
B SC H E 3

GARDNER KATHLEEN M
40A ST ANNES ST
ST ANNES DE BELLEVUE QUE
B A 4

GARDINER VIOLET E
MACDONALD COLLEGE
LEMBERG SASK
B SC H E 2

GAREAU JOHN M
3485 MC TAVISH ST
MONTREAL QUE
2330 SMITH ST
REGINA SASK
B ARCH 3
BE 0424

GAREAU RICHARD NORMAN
PRESBYTERIAN COLLEGE
2330 SMITH STREET
REGINA SASK
B COM 2

GAREAU URBAN PAUL F
456 PINE AVE
STE 31 MONTREAL QUE
2330 SMITH ST
REGINA SASK
MD CM 1
PL 7088

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GARGAS JOHN 484 RIELLE STREET VERDUN QUE	M ENG 1
GARIEPY ROGER VICTOR 4016 BEACONSFIELD AVE MONTREAL QUE 10145 123 STREET EDMONTON ALTA	PARTIAL DE 6558
GARMAISE ARTHUR F 4266 ROYAL AVE N D G MONTREAL QUE	B C L 2 EL 8170
GARMAISE MAURICE J 1880 ST JOSEPH BLVD E APT 1 MONTREAL QUE	B C L 3 FA 4753
GARNEAU CONSTANCE E 11 WILLOW AVE WESTMOUNT QUE	B A 4 EL 4906
GARNEAU FRANCOISE MARIE 11 WILLOW AVE WESTMOUNT QUE	B A 1 EL 4906
GARNEAU JEAN CLAUDE DAWSON COLLEGE 5249 FABRE ST MONTREAL QUE	B ENG 1 AM 3886
GARNEAU RHEAL 6590 DES FRABLES ROSEMOUNT MONTREAL QUE	B A 4 VI 7307
GARRY YVONNE E 5245 COTE ST LUC ROAD APT 30 MONTREAL QUE	B A 2 DE 3294
GASPER MARY L MACDONALD COLLEGE 376 ST JOSEPH BLVD HULL QUE	B SC H E 1
GATES KENNETH ARNOLD F 809 UPPER LANSDOWNE WESTMOUNT QUE	B A 4 EL 8690
GAUDET LESTER P PETERSON RESIDENCE 25TH AVE LACHINE QUE 104 GRANVILLE ST SUMMERSIDE P E I	B ENG 3
GAUDETTE ROCH DAWSON COLLEGE ST JOHNS QUE ROCK FOREST QUE	B ENG 1
GAULEY LESTER DAVID DAWSON COLLEGE KILMAR QUE	B SC 2
GAULT MATHEW HENRY 3550 PEEL ST APT 1 MONTREAL 2 QUE	B SC 4 BE 0261
GAULT WALDEN T DAWSON COLLEGE QUE 344 N STEELE RD W HARTFORD CONN U S A	B SC 1
GAUTHIER ANDRE J F 1648 THEODORE ST MONTREAL QUE	B ENG MI 4 CL 9259
GAUTHIER JEAN 1648 THEODORE ST MONTREAL QUE	B ENG MI 4 CL 9259
GAUTIER CHARLES G 3610 DUROCHER ST MONTREAL QUE 170 BARRETTE ST EASTVIEW ONT	B ENG CH 4
GAUVIN GERALD RAYMOND Y M C A 1441 DRUMMOND ST MONTREAL QUE 194 MT PLEASANT ST NEW BEDFORD MASS U S A	B A 3
GAUVIN JOSEPH R D 4525 MENTANA ST MONTREAL QUE 940 5TH AVE SHAWINIGAN SUD 2 QUE	B ENG 3
GAUVIN LAURENT R P MAC DONALD COLLEGE 7376 DENORMANVILLE MONTREAL QUE	B SC AGR 1
GAVRILOFF THOMAS JOHNSON 4850 QUEEN MARY RD APT 7 MONTREAL QUE R R 1 BOX 18 WATERFORD ONT	D D S 3
GAY JEAN GWYN ROYAL VICTORIA COLLEGE 10 KILBARRY CRESCENT MAN RK FORBES ONT	B SC 4
GEAN DAVID ALAN 3615 DUROCHER ST MTL 4007 ILLINOIS AVE FRESNO CALIFONIA U S A	MD CM 1
GEAREY JOHN EDWARD 6014 PARK AVE MONTREAL QUE	B A 4 CA 3072
GEDDES LESLIE A 3801 UNIVERSITY ST MONTREAL QUE 157 TRENTON AVE TOWN OF MOUNT ROYAL QUE	M ENG 2
GEER PITAMBER 484 PRINCE ARTHUR ST MONTREAL QUE KITTY VILLAGE BRITISH GUIANA S A	B SC 3
GEFTER SANDRA MACDONALD COLLEGE 1375 GREENE AVE APT 12 WESTMOUNT QUE	TCH ELEM 1
GEGG HELEN EDITH ROYAL VICTORIA COLLEGE GERALDTON ONT	B SC 2
GEGGIE DAVID CONRAD 1826 SHERBROOK ST W APT 201 MONTREAL QUE WAKEFIELD QUE	MD CM 4 FI 4058
GEGGIE NORMAN STUART DOUGLAS HALL WAKEFIELD QUE	MD CM 3
GEIGER DONALD WAINWRIGHT 48 BEVERLEY AVE TOWN OF MT ROYAL GORE BAY ONTARIO	MD CM 2 EX 1243
GEIGER ELSBETH 861 WILDER AVE OUTREMONT QUE	B N 2 CA 4425
GEISERT FREDERICK ERNEST 2047 UNION AVE MTL 5063 LAKE WASH BLVD SO SEATTLE 8 WASH U S A	MD CM 1
GELBER NAHUM 4912 ISABELLA AVE N D G MONTREAL QUE	B A 1 AT 0811
GELBFARB SAM WILLIAM 5468 ST URBAIN ST MONTREAL QUE	PARTIAL VI 4121
GELFAND MOSES MORRIE 5192 DALOU AVE MONTREAL QUE	MD CM 4 WA 8790
GEMMILL DONALD LAWRENCE 542 PRINCE ARTHUR WEST MONTREAL QUE KIPLING SASKATCHEWAN	MD CM 1 HA 8512
GENDRON EUGENE A 5892 PARK AVE MONTREAL QUE 2 WINDSOR ST APT 4 SHERBROOKE QUE	B ENG MC 4 DO 7802

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GENDRON LUCIEN JEAN 1430 ST DENIS ST MONTREAL QUE 7009 DE LANAUDIERE ST MONTREAL QUE	PH D 3 MA 5311
GENSER HENRY EGREN 3495 MARLOWE AVE N D G MONTREAL QUE	MD CM 3 WA 9647
GENTLES EARL ROBERT DAWSON COLLEGE 734 BERGEN ST NEWARK 8 N J	B ENG 1
GEORGE BEVERLEY FRANCES 1455 DRUMMOND ST APT 1010 MONTREAL QUE	B A 1
GEORGE GEORGE DAWSON COLLEGE 3944 MENTANA ST MONTREAL 24 QUE	B ENG 1
GEORGIADES ANDY 1084 BEAVERHALL HILL MONTREAL 2 QUE 26 ROOSEVELT AVE FAMAGUSTA CYPRUS	B A 3 PL 8988
GEORGULAKIS NICHOLAS 2615 ST JAMES ST W MONTREAL QUE	B A 2 FI 0016
GERAGHTY MARK DOUGLAS 3559 UNIVERSITY ST MONTREAL QUE CASCAPEDIA QUE	B A 4
GERARD MAURICE A MACDONALD COLLEGE R R 4 HUNTINGDON QUE	B SC AGR 1
GERBER RUTH 5304 PARK AVE MONTREAL QUE 1307 MERRIAN AVE Bx 52 NEW YORK U S A	B A 3 VI 9539
GERBER WILLIAM F 29 BAYVIEW AVE POINTE CLAIRE QUE 2600 E CEDAR AVE DENVER COLO U S A	M SC 1
GERMAIN NORMAN E 3419 STANLEY ST MTL 201 PRINCETON BLVD LOWELL MASS U S A	B SC 3 PL 9865
GERMAN MAXINE MACDONALD COLLEGE 332 LAKESHORE ROAD TORONTO 14 ONT	B SC H E 4
GERMANEY RICHARD T H 5975 COTE ST ANTOINE RD MONTREAL QUE	M A 1 WA 3618
GERRYTS EGBERT 3485 MCTAVISH ST MONTREAL QUE P O BOX 75 SPRINGBOK UNION OF S AFR	PH D 2 BE 0424
GERSTEIN WILLIAM 5642 HUTCHISON AVE OUTREMONT QUE,	B SC 3 DO 3101
GERSTEL SAM 5244 HUTCHISON ST OUTREMONT QUE	B A 3 DO 4410
GOLUBOVSKIS PAULS E DAWSON COLLEGE	B ENG ME 2
GERTLER COLEMAN 3406 NORTHCLIFFE AVE APT 2 MTL QUE 420 E SOUTH ST SASKATOON SASK	D D S 4 DE 8756
GERTLER DAVID 3406 NORTHCLIFFE APT 2 MONTREAL QUE 420 AVE E SO SASKATOON SASK	B COM 2 WA 8756
GERVAIS ARTHUR JOHN 4330 WILSON AVE MONTREAL 28 QUE	D D S 1 EL 2563
GESSER HYMAN 4532 ESPLANADE AVE MONTREAL 14 QUE	M SC 1 LA 0457
GEWURZ GISELA 501 ST CATHERINE RD MONTREAL QUE	B A 2 CR 6805
GHENT EMMANUEL ROBERT 456 PINE AVE WEST APT C MONTREAL QUE	MD CM 4 PL 5673
GHENT LILA 456 PINE AVE W APT C MONTREAL QUE	PH D 2 PL 5673
GHIMPELMAN FANY 3300 RIDGEWOOD AVE MONTREAL QUE	B A 1 EX 6256
GIBB ISABEL M 656 ROSLYN AVE WESTMOUNT QUE	B A 4 EL 2469
GIBBS HAROLD C MACDONALD COLLEGE P O BOX 56 BRIDGETOWN BARBADOS B W I	B SC AGR 3
GIBLIN DENIS RICHARD 3564 UNIVERSITY STREET MONTREAL QUE	MD CM 2 LA 8063
GIBSON FRANK B DAWSON COLLEGE 285 SEDGWICK AVE NEW YORK 63 N Y U S A	B SC 2
GIBSON JAMES ALEXANDER PRESBYTERIAN COLLEGE 332 40TH AVE S W CALGARY ALBERTA	D D S 3
GIBSON MARY LYDIA ROYAL VICTORIA COLLEGE 171 PRESCOTT ST READING MASS U S A	B A 1
GIBSON WILLIAM MILES 545 PINE AVE MTL 161 WINSLOW ST FREDERICTON N B	MD CM 4 MA 1545
GIDNEY SAMUEL J 7400 CHURCHILL AVE TOWN MOUNT ROYAL QUE BOX 191 DIGBY N S	B ENG EL 3 EX 3420
GIEDRAITIS VINCENT JOHN NEW BRITAIN CONN U S A	B A 3
GIFFORD ROSS JARDINE PETERSON RESIDENCES 506 1ST ST NEW WESTMINSTER B C	D D S 4
GIGLIOLI MARCO ENRICO C 632 BELMONT AVE WESTMOUNT QUE C O 21 EVANS STREET GEORGETOWN BR GUIANA S A	B SC 4 EL 3501
GILBERT EDWARD JOHN 406 CREMAZIE BLVD E APT 10 MONTREAL QUE	B ENG EL 4 VE 1915
GILBERT GUY R J 5489 16TH AVE ROSEMOUNT MONTREAL QUE	B SC 4 CL 4478
GILBERT IAN 4665 ROSLYN AVE MONTREAL QUE	B COM 1 EL 3257
GILBERT MARION I MACDONALD COLLEGE BISHOPTON QUE	B SC H E 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GILBERT SHEILA P 543 5TH AVE POINTE AUX TREMBLES QUE	B A 2
GILBERT VERDUN PALMER PETERSON RESIDENCE NANAIMO B C	D D S 3
GILCHRIST EARLE D MACDONALD COLLEGE CAMBRIDGE N B	B SC AGR 4
GILCHRIST WILLIAM A PETERSON RESIDENCE BELWOOD ONT	B SC 3
GILES CAROLYN E 555 SHERBROOKE ST W MONTREAL QUE 225 2ND ST E CORNWALL ONT	B A 2
GILES WILLIAM T 9215 BERRI ST APT 7 MONTREAL QUE	PARTIAL
GILL GEORGIA YVONNE ROYAL VICTORIA COLLEGE FOGO NEWFOUNDLAND	B SC 3
GILL LESTER D B 7423 BIRNAM AVE MONTREAL QUE MIDDLE BROOK GAMBO NEWFOUNDLAND	B A 4
GILL ROBERT MACKENZIE 3542 MARCIL AVE N D G MONTREAL QUE	B C L 2 DE 4835
GILLESPIE JEAN ALLAN 4809 WILSON AVE MONTREAL QUE	B A 3 EL 2461
GILLETT LAWRENCE B DAWSON COLLEGE 121 BROCK AVE S MONTREAL WEST QUE	B ENG CH 1
GILLETT RICHARD DAVID 121 BROCK AVE S MONTREAL WEST QUE	B ENG EL 4 DE 7249
GILLHAM MARY R MACDONALD COLLEGE 3850 DRAPER AVE MONTREAL QUE	B SC H E 3
GILLINGHAM BRUCE D 4292 DORCHESTER ST WESTMOUNT QUE	B COM 2 WE 1217
GILLINGHAM RALPH G 4906 EARNSCLIFFE AVE N D G MONTREAL QUE SAFE HARBOUR B BAY NFLD	B D 3 EL 0937
GILLIS MICHAEL F MACDONALD COLLEGE LOCH LEVEN VIA ST FINTAN NEWFOUNDLAND	B SC AGR 3
GILLIS ROBERT B 258 SHERBROOKE ST W MTL 2815 HILL PARK CIRCLE MONTREAL QUE	M SC 1 BE 7102
GILMER MARGARETTA A 4997 EARNSCLIFFE AVE N D G MONTREAL QUE	B SC 4 WA 4948
GILMORE FRANK P 3508 UNIVERSITY ST MONTREAL QUE ST CHRYSOSTOME QUE	B D 1 HA 4576
GILMORE FRANKLIN C MACDONALD COLLEGE KESWICK RIDGE N B	B SC AGR 4
GILMORE WILLIAM FORBES 3506 UNIVERSITY ST MONTREAL QUE WINNIPEG MAN	B ENG MI 4 MA 9181
GILMOUR GORDON BENJAMIN 93 HAMILTON AVE CHATEAUGUAY BASIN QUE	B SC P E 3
GILMOUR PATRICIA JANE 4617 DECARIE BLVD MONTREAL QUE	B A 1 DE 1498
GINDE RAMCHANDRA G NEUROLOGICAL INSTITUTE 162 VINCENT ROAD DADAR BOMBAY 14 INDIA	M SC 1
GINGERICK DOUGLAS L DAWSON COLLEGE 157 LEOPOLD CRESC REGINA SASK	B ENG 1
GINGRAS GERARD 5873 TRANS ISLAND AVE N D G MONTREAL QUE	B SC 2 AT 8928
GINSBERG ELSIE 4918 JEAN BRILLANT MONTREAL QUE	B A 3 EX 3014
GINSBERG ZELDA SALLY 773 OUTREMONT AVE OUTREMONT QUE	B A 2 CR 0159
GINSBURG SARAH 134 ST JOSEPH BLVD W MONTREAL QUE	H SCH DI 5 CA 2290
GINSHERMAN IRMA GAYLE 5559 CANTERBURY AVE MONTREAL QUE	B A 1 AT 1873
GIORDANO ERNEST G D DAWSON COLLEGE 2357 TERRASSE GUINDON MONTREAL QUE	B ENG 1
GIRARD ANN MARIE 4918 PIEDMONT AVE MONTREAL QUE	B A 2 AT 7778
GIROUX CLAUDE A 8441 LAJEUNESSE BLVD MONTREAL QUE	B COM 3 DU 7693
GIRARD PAUL ANDRE DAWSON COLLEGE 5 ABBOTT STREET MAGOG QUE	B ENG 1
GIRADIN MARY JANE ROYAL VICTORIA COLLEGE R R 1 LEAMINGTON ONT	B SC P E 1
GIROLAMI RENATO 7715 ST LAWRENCE BLVD MONTREAL QUE VIA MANIAGO N 25 FANNA UDINE ITALY	B ENG 2 CR 5219
GIROUX FRED ROBERT 5320 BRODEUR AVE MONTREAL QUE	B COM 3 EL 9497
GIRVAN JAMES S 3539 STE FAMILLE ST MONTREAL QUE 404 CARLETON PL W ST JOHN N B	B ARCH 3 LA 5951
GIRVIN GRACE T 3480 ONTARIO AVENUE MONTREAL QUE 100 STUYVESANT PL STATEN ISLAND N Y U S A	M SC 1 PL 0044
GISTRAK BERNARD ALLAN DAWSON COLLEGE QUE 4606 ST URBAIN ST MONTREAL QUE	B SC 1
GIVENS DOUGLAS J 5543 QUEEN MARY RD MONTREAL QUE	B SC 3 EL 1756
GLADSTONE ALEX 4105 DE BULLION ST MONTREAL QUE	B ENG PH 3 HA 2596

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
GLADSTONE WILLIAM R JR 3420 HUTCHISON ST APT 1 MONTREAL 18 QUE 28 TOWNSEND ST WALTON N Y U S A	MD CM 2
GLASER VERA RENEE ROYAL VICTORIA COLLEGE 17 DEUBOURNE AVE TORONTO ONT	B A 3
GLASGOW STANLEY K MACDONALD COLLEGE SPANISH TOWN JAMAICA B W I	B SC AGR 1
GLASSFORD BERNARD K 279 MONKLAND APT 5 VILLE ST LAURENT QUE BEAVERTON ONT	B SC 4
GLASSFORD AUDREY 279 MONKLAND BLVD VILLE ST LAURENT QUE BEAVERTON ONT	B A 3
GLASSFORD PETER BALFOUR 109 SUNNYSIDE AVE WESTMOUNT QUE	B COM 1 DE 7974
GLAZER DEVORA R MACDONALD COLLEGE 836 MCEACHRAN AVE OUTREMONT QUE	TCH ELEM 1
GLAZER GABRIEL 6182 DUROCHER AVE OUTREMONT QUE	B SC 2 VI 8485
GLEN EDITH H MACDONALD COLLEGE 634 GROSVENOR AVE WESTMOUNT QUE	B SC H E 1 WA 1821
GLEN JOHN MILLS G 355 MELVILLE AVE WESTMOUNT QUE 280 AVE DELFIM MOREIRA LEBLON RIO DE JANEIRO BRAZIL	B COM 2 WE 6984
GLENCROSS ERIC J 1 PENHURST PARK PT CLAIRE MTL 33 QUE	B ENG CH 3
GLENN DUNCAN MACDONALD COLLEGE BRISTOL QUE	B SC AGR 1
GLEZOS MATTHEWS 4353 CHARLEMAGNE AVE MONTREAL QUE	B COM 2 TU 3622
GLICKMAN MORTON J 1527 VAN HORNE AVE OUTREMONT QUE	B COM 1 CA 5226
GLISERMAN IRWIN 2511 NOTRE DAME ST W MONTREAL QUE	M A 2 WI 3307
GLUCK BILL 5453 TRANS ISLAND AVE MONTREAL QUE	B A 1 DE 6329
GOBIN CLARENCE HARVEY PETERSON RESIDENCE 51 ROOSEVELT ST PUTNAM CONN U S A	B A 4
GODARD JOHN DENNY 4810 PATRICIA AVE N D G MONTREAL 29 QUE	PARTIAL DE 7281
GODEFROY HUGH CONSTANT 4868 COTE DES NEIGES RD MONTREAL QUE	MD CM 4 EX 2811
GODEL ELLIOT 712 ROCKLAND AVE OUTREMONT QUE	B COM 4 CA 5505
GODFREY LUELLA ELAINE ROYAL VICTORIA COLLEGE 64 DELAWARE AVE OTTAWA ONT	PHYSIOTH 3

NAME ADDRESS	COURSE & YEAR TEL. NO.
GODIN JOSEPH J G G 3471 STE CATHERINE E MONTREAL 4 QUE	B SC 2 CH 1452
GODIN PIERRE A A 33 GRANVILLE HAMPSTEAD QUE	B A 3 EL 3914
GODLEVSKY SAM 4257 CITY HALL AVE MONTREAL QUE	D D S 2 MA 0834
GODWIN KENNETH E DAWSON COLLEGE 5941 LOUIS HEBERT AVE MONTREAL QUE	B ENG MC 2
GODZISZEWSKI ANTONI B 2667 RACHEL STREET MONTREAL QUE	MD CM 4 AM 3492
GOFTON JOHN PHILIP 3851 UNIVERSITY ST MONTREAL QUE DAUPHIN MANITOBA	MD CM 4 BE 7205
GOLD EDWARD MICHAEL 7770 STUART AVE MONTREAL QUE	MD CM 1 VI 0532
GOLD FLORENCE E 5047 PONSARD AVE MONTREAL QUE	B S W 1 EL 9419
GOLD GERTRUDE 4336 DRAPER AVE MONTREAL QUE	PHYSIOTH 1 WA 1029
GOLD LYNN LUBIN 5550 COTE ST LUC ROAD MONTREAL QUE	B A 3 WA 9039
GOLD SHIRLEY ROYAL VICTORIA COLLEGE 268 STEWART ST OTTAWA ONT	B A 2
GOLDBERG HERBERT L 4901 ISABELLA AVE MONTREAL QUE	PARTIAL AT 4524
GOLD ROBERT DONALD 2296 HINGSTON AVE N D G MONTREAL QUE	B A 1 DE 7074
GOLDBERG MARY SHEILA 4553 CIRCLE ROAD MONTREAL QUE	B A 1
GOLDBERG SYBIL N 47 COTE ST CATHERINE RD OUTREMONT QUE	B A 3 DO 7105
GOLDBERGER LEO 856 DOLLARD AVE OUTREMONT QUE	B A 3 CR 5358
GOLDBLOOM CHARLES A 73 VILLENEUVE ST MONTREAL QUE	B ENG EL 4 HA 8917
GOLDBLOOM VICTOR CHARLE 3445 RIDGEWOOD AVE APT 110 MONTREAL QUE	MED DIPL 4
GOLDEN CLIFFORD 4780 COTE DES NEIGES APT 1 MONTREAL QUE	MD CM 4 EX 6046
GOLDEN SHEILA RUTH 50 BELOEIL AVE OUTREMONT QUE	B A 1 CA 7214
GOLDFARB SOPHIE 1115 LAJOIE AVE APT 5 MONTREAL QUE	B SC 4 CA 2392
GOLDIE ROBERT WILLIAM 4500 GRAND BLVD N D G MONTREAL QUE	B ENG CI 3
GOLDMAN HARRIET KAICHEN 5103 LACOMBE AVE MONTREAL QUE	B F A 2 AT 8005

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GOLDMAN MARILYN 5433 DUQUETTE AVE N D G MONTREAL QUE	B A 3 DE 9395
GOLDMAN SHIRLEY 3421 PRUD HOMME AVE N D G MONTREAL QUE	PHYSIOTH 1 WA 5504
GOLDMAN SYDNEY 626 OUTREMONT AVE MONTREAL QUE	B A 3 CR 0582
GOLDNER JACK 745 ROCKLAND AVE OUTREMONT QUE	M S W 1 CA 6315
GOLDSMITH ELEANOR R 4370 GIROUARD AVE N D G MONTREAL QUE	B SC 2 EL 6447
GOLDSMITH YVETTE MARIE 4123 WESTERN AVE WESTMOUNT QUE	B SC P E 3 FI 7295
GOLDSTEIN BLANCHE 2061 DECARIE BLVD MONTREAL QUE	B SC 4 DO 6683
GOLDSTEIN MINNIE L 1923 CLINTON AVE MONTREAL QUE	B S W 1 WA 1707
GOLDWATER RUTH 4572 OLD ORCHARD AVE N D G MONTREAL QUE	B A 1 DE 8668
GOLICK MARGARET 2105 VAN HORNE AVE MONTREAL QUE	M PS SC 1 AT 9143
GOLT MELVILLE D 5139 DUROCHER ST OUTREMONT QUE	B COM 3 CR 2770
GOLTMAN DOUGLAS M 4516 GIROUARD AVE APT 3 N D G MONTREAL QUE	B A 2 EL 8149
GOLUBEVA MARY RASMA M 2031 CITY COUNCILLOR ST MONTREAL QUE	B S W 1 HA 5851
GOMES FRANKLIN GILBERT DAWSON COLLEGE QUE NO 3 SACKVILLE ST PORT OF SPAIN TRINIDAD B	B SC 1
GONSALVES CLIVE T F 3626 LORNE CRESCENT APT MONTREAL QUE	MED DIPL 1 HA 7344
GONTHIER CHARLES D 4522 KENSINGTON AVE N D G MONTREAL QUE	B C L 2 DE 0270
GONTICAS SPYRIDON DAWSON COLLEGE 19 DEMOCRITOU ST ATHENS GREECE	B SC 2
GONZALEZ ELIAS NOY C M 632 BELMONT AVE WESTMOUNT QUE DRAGONES 206 EDIF MOURE HABANA CUBA S A	B ENG MC 3 EL 3401
GOOD MARY ELIZABETH MACDONALD COLLEGE 47 STIBBARD AVE TORONTO 12 ONT	B SC AGR 3
GOODALL ROBERT GRAYDON W 3653 UNIVERSITY ST MONTREAL QUE	MD CM 2 PL 2073
GOODBODY HUDSON P 1320 MOUNT ROYAL BLVD W OUTREMONT QUE	B COM 1 CA 3223
GONSALVES FRANCIS IVOR DAWSON COLLEGE QUE 94 SMYTH ST GEORGETOWN BRITISH GUIANA	B SC 1
GOODENOUGH PATRICK J 3227 CEDAR AVE MONTREAL QUE 806 LOS ROBLES ST PALO ALTO CALIF U S A	B COM 2 WI 8077
GOODGERHILL JETTA F G MACDONALD COLLEGE DEWITTVILLE HOUSE DEWITTVILLE QUE	TCH ELEM 1
GOODING HUBERT KEITH WILSON HALL STRONG HOPE ST THOMAS BARBADOS B W I	B SC 3
GOODING JOHN THEODORE WILSON HALL STRONG HOPE ST THOMAS BARBADOS B W I	B SC 3
GOODMAN EUNICE 5760 PLANTAGENET ST OUTREMONT QUE	B SC 1 AT 1701
GOODMAN LEILA 3756 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 DE 6861
GOODMAN MARILYN RACHEL 3756 WESTMOUNT BLVD WESTMOUNT QUE	B SC 2 DE 6861
GOODWIN BRIAN CAREY DAWSON COLLEGE 11 PERREAULT AVE STE ANNE DE BELLEVUE QUE	B SC 2
GOODWIN HARVEY S W 4760 ROSLYN AVE MONTREAL QUE	B ENG 1 EL 5498
GORDON ALAN J DAWSON COLLEGE 414 VICTORIA AVE WESTMOUNT QUE	B SC 2
GORDON BERNARD I 4927 DECARIE BLVD MONTREAL QUE	B A 3 EL 0919
GORDON ATHOL CHARLES DAWSON COLLEGE 6000 GOUIN BLVD W SARAGUAY QUE	B ENG 1 BY 1518
GORDON GWYNNETH A 5500 VICTORIA AVE APT 15 MONTREAL QUE KINGSTON JAMAICO	MUS QUAL 1
GORDON HAROLD M 2411 NORTHCLIFFE AVE APT 97 NDG MTL QUE	B ENG ME 4 EL 0485
GORDON JOHN FORBES WILSON HALL BOX 1 MERION PENNA U S A	M PS SC 1
GORDON MORRIS JAY DOUGLAS HALL	B SC 2
GORDON ROBERT STANLEY 1126 SHERBROOKE W MONTREAL QUE 482 ALBERT ST E SAULT STE MARIE ONT	B A 2 PL 0010
GORDON WILLIAM E 5500 VICTORIA AVE APT 15 MONTREAL QUE	B COM 3
GORDY DORIS MARY 7296 DUROCHER APT 2 PARK EXTENSION MONTREAL	B SC 1
GORESKY CARL ARTHUR 629 PRINCE ARTHUR ST W MONTREAL QUE BOX 36 CASTLEGAR B C	B SC 2 MA 0739

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GORING GEORGE INGHAM 238 PRINCE ARTHUR ST ST LAMBERT QUE	B ENG EL 4
GORING VINCENT I 3473 UNIVERSITY ST MONTREAL QUE 11 HENDRICK AVE TORONTO ONT	B D 3 MA 4902
GORMAN THOMAS WILLIAM ROYAL VICTORIA HOSPITAL 34 CORNISHTOWN ROAD SYDNEY NOVA SCOTIA	MED DIPL 3 PL 1251
GORNITSKY MERVYN 748 MCEACHRAN AVE OUTREMONT QUE	D D S 1 CA 6007
GOSSAGE ROBERT MCMASTERVILLE QUE	B COM 2
GOSSAGE WILLIAM P O MCMASTEIVILLE QUE	MD CM 1
GOSSELIN GERARD GEORGES 1071 BEATTY AVE VERDUN QUE	B ENG CI 4 TR 2565
GOTTFRIED ILSE 5039 GROSVENOR AVE MONTREAL QUE	B A 1 EX 6248
GOTTFRIED KURT 5039 GROSVENOR AVE N D G MONTREAL QUE	B ENG PH 3 EX 6248
GOTTLEIL FRED MONROE 6116 DUROCHER AVE APT 2 OUTREMONT QUE	B A 1 CR 3818
GOTTHEIL LOUIS A 1583 DUCHARME AVE OUTREMONT QUE	B ENG CI 3 CA 9046
GOUDREAU JOSEPH ROMEO J 6353 CHABOT ST MONTREAL QUE	B ENG CI 3 TA 8573
GOUIN CHARLES E VARENNES C O VERCHERES QUE	B ENG 3
GOUIN GILLES 26 GLENCOE AVE OUTREMONT QUE	B C L 3 AT 1617
GOULANDRIS JOHN D WILSON HALL 6 PATRIARCH JOACHIM ST ATHENS GREECE	B A 3
GOULD ERIC S DAWSON COLLEGE 3533 OXFORD AVE MONTREAL QUE	B ARCH 1
GOULD FRANKLIN MARVIN 3531 LORNE AVE MTL 32 37 168 STREET FLUSHING N Y U S A	MD CM 2 LA 7868
GOURDEAU J C RAYMOND 407 ST JOSEPH BLVD W MONTREAL QUE 60 ST PATRICK ST QUEBEC CITY QUE	B ENG CI 4 GR 3108
GOURLAY CHERRY E MACDONALD COLLEGE BANFF ALTA	B SC H E 4
GOURLAY ROBERT HUMPHRYS 3640 HUTCHISON STREET 2437 PT GREY RD VANCOUVER B C	MED DIPL 4 MA 8869
GOURLEY JOHN DAWSON COLLEGE QUE 2 FARTHINGLOE RD DOVER KENT ENGLAND	B ENG 1
GOUROFF SERGE 4626 ROYAL AVE N D G MONTREAL QUE	D D S 3 AT 2740
GOVAN MARGARET DALTON 587 LANSDOWNE AVE WESTMOUNT QUE	B A 2 EL 3481
GOW MARY E MACDONALD COLLEGE 50 HEMLOCK AVENUE SHAWINIGAN FALLS QUE	B SC H E 2
GRAD GEORGE JOHN 1892 DESMARCHAIS BLVD MONTREAL QUE	A & S CO 1
GRAEF MARK HAROLD 1125 LAJOIE AVE APT 10 OUTREMONT QUE	B COM 2 TA 4383
GRAFFTEY WILLIAM HEWARD 1555 SUMMERHILL AVE APT 312 MONTREAL QUE	B C L 1
GRAFTON IAN GORDON S 48 BEVERLEY AVE TOWN OF MOUNT ROYAL	MD CM 1 EX 1243
GRAHAM ARLENE DORIS 5507 COTE ST ANTOINE RD N D G MONTREAL QUE	B A 4 DE 0591
GRAHAM BERNARD F 8222 HUART AVE MONTREAL 15 QUE 51 COBURG ROAD HALIFAX N S	M SC 2 CA 6747
GRAHAM CAROLYN M MACDONALD COLLEGE 1301 CALEDONIA ROAD TOWN OF MOUNT ROYAL QUE	B SC H E 2
GRAHAM DONALD W 5201 CLANRANALD AVE N D G MONTREAL QUE	B SC AGR 2
GRAHAM HORACE D SHELLY ROAD BAMBOO P O SAINT ANN JAMAICA B W I	B SC AGR 4
GRAHAM LINDSAY A 562 VICTORIA AVE WESTMOUNT QUE	B A 2 EL 6714
GRAHAM PETER EDWARD 6720 SHERBROOKE ST W APT 20 MONTREAL QUE RIVERSIDE DRIVE GRAND MERE QUE	B A 2 EL 5567
GRAHAM ROBERT EDSON 1500 CRESCENT ST APT 102 MONTREAL QUE	B C L 1 PL 1421
GRAHAM ROBERT GRANT 5507 COTE ST ANTOINE RD N D G MONTREAL QUE	B COM 2 DE 0591
GRAHAM SHEILA HELEN ROYAL VICTORIA COLLEGE 101 N W MARINE DR VANCOUVER B C	B SC 1
GRAINGER EDWARD H 3508 UNIVERSITY ST MONTREAL QUE BCX 547 MONCTON N B	PH D 2
GRAINGER PETER N MACDONALD COLLEGE GENERAL DELIVERY SYDNEY N S	B SC AGR 3
GRANDA JOHN LOUIS 5818 JEAN MANCE MONTREAL QUE	B C L 2 CA 5422
GRANGER ROBERT DAWSON COLLEGE 1770 ST ANTOINE ST ST HYACINTHE QUE	B ENG 1
GRANSDEN MAX MOORE 3536 ADDINGTON AVE MONTREAL QUE TARA ONT	PH D 4 DE 3149

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GRANT CHARLES JAMES 7574 STUART AVE MONTREAL QUE	B A 4 CA 9663
GRANT GEOFFREY OSBORNE 767 UPPER LANSDOWNE AVE WESTMOUNT QUE	B COM 1 DE 1568
GRANT IAN CRAIG 545 LANSDOWNE AVE WESTMOUNT QUE	B SC 4 WA 3434
GRANT JOHN P 87 51ST AVE LACHINE QUE	B ENG EL 3
GRANT RAYMONDE 5060 VICTORIA AVE MONTREAL QUE	B A 1 EX 1256
GRASBERG EUGENIUSZ DOUGLAS HALL	M A 4
GRASBERG GABRIEL DOUGLAS HALL	B A 3
GRAVEL ERNEST W 3156 MAPLEWOOD ST APT 1 MONTREAL QUE 35 LAFONTAINE ST CHICOUTIMI QUE	B ENG CI 3 AT 7156
GRAVEL JEAN JOSEPH O 4390 HINGSTON AVE N D G MONTREAL 28 QUE	B ENG 1 EL 1061
GRAVES CONSTANCE J M 1543 GUY ST MONTREAL QUE R R 3 BEAMSVILLE ONT	B SC 3 WE 8972
GRAVES FREDERICK T 1543 GUY ST MONTREAL QUE R R 3 BEAMSVILLE ONT	B A 2 WE 8972
GRAVES GLADYS GILDA 3940 COTE DES NEIGES MONTREAL QUE LEGAL ALTA	B N 1 WE 2484
GRAVINA ROSEMARY L 1374 SHERBROOKE ST W MONTREAL 25 QUE	B A 2 PL 8189
GRAY CHARLES A 3501 WALKLEY AVE MONTREAL QUE	M A 2
GRAY HAROLD EDWARD 717 DUNLOP AVE OUTREMONT QUE	B COM 1 AT 2354
GRAY JAMES 3590 ST JOSEPH ST LACHINE QUE	B SC 3
GRAY JOHN HAMILTON DAWSON COLLEGE 496 MOUNTAIN AVE WESTMOUNT QUE	B ENG MC 2
GRAYDON WESTLEY R 4561 CUMBERLAND AVE N D G MONTREAL QUE	B ENG CI 3 EL 5246
GREAVES DAVID RIO 3390 BARCLAY AVE APT 11 COTE DES NEIGES MTL QUE	MD CM 1 AT 0900
GREAVES JOAN M 1480 MCGILL COLLEGE AVE APT 4 MONTREAL QUE	B S W 1 MA 2677
GRECCO NICHOLAS 661 RIVERVIEW AVE VERDUN QUE	B ENG CH 4 TR 7318
GRECOFF LUBOV 4050 COTE ST CATHERINE R APT 4 MONTREAL QUE ISLE MALIGNE QUE	H SCH DI 5 EX 5457

NAME ADDRESS	COURSE & YEAR TEL. NO.
GREEN G GRANT 8011 CHAMPAGNEUR AVE MONTREAL 15 QUE	B SC 4 DO 9506
GREEN JUDITH GODFREY 3194 LINTON BLVD MONTREAL QUE	B A 3 AT 5100
GREEN ROSAMUND MARION 1546 CRESCENT ST APT 4 MONTREAL 25 QUE	B A 4 MA 9621
GREEN THOMAS D MACDONALD COLLEGE 180 ALEXANDRA AVE ST LAMBERT QUE	B SC AGR 1
GREEN WILLIAM MACDONALD COLLEGE DEER LAKE NEWFOUNDLAND	B SC 3
GREENBAUM ISADORE 3147 VAN HORNE AVE MONTREAL QUE	B C L 2 EX 3149
GREENBERG GRACE ROYAL VICTORIA COLLEGE 370 CLARENCE ST OTTAWA ONT	B A 1
GREENBERG JACK SAM 4441 ESPLANADE AVE APT 4 MONTREAL QUE	B ENG PH 4 PL 6329
GREENBERG MORTIMER 4445 ST URBAIN ST MONTREAL QUE	B SC 4 LA 0759
GREENBLATT MORTON MARCE 7496 STUART AVE MONTREAL QUE	B SC 4 CR 7683
GREENFELD SHIRLEY 6283 DE VIMY AVE MONTREAL QUE	B A 2 AT 9952
GREENHORN STANLEY M PRESBYTERIAN COLLEGE 3492 WEST 35TH AVE VANCOUVER B C	MD CM 1 PL 5754
GREENING ROBERT E 506 PINE AVE W MONTREAL QUE	B ENG 1 LA 5973
GREENSPON LEAHNORE P MACDONALD COLLEGE 4760 CIRCLE ROAD MONTREAL QUE	TCH ELEM 1
GREENSPOON ADELE C 499 ST CATHERINE ROAD MONTREAL QUE	B SC 1 TA 3211
GREENSPOON MYRA MACDONALD COLLEGE 5189 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
GREENSTEIN JACK 4927 FULTON AVE MONTREAL QUE	B A 2 AT 0308
GREENSTEIN JUNE 4927 FULTON AVE MONTREAL QUE	B A 1 AT 0308
GREENWALD CLARE 3009 MAPLEWOOD AVE APT 9 MONTREAL QUE	M S W 2
GREENWOOD FREDERICK A H DOUGLAS HALL	B SC 4
GREENWOOD STUART W MACDONALD COLLEGE 37 OXFORD RD BAIE D URFE QUE	M ENG 1
GREER ADELE E MACDONALD COLLEGE ROCK ISLAND QUE	B SC H E 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GREGOIRE RAYMOND H 16 LAVIOLETTE AVE OUTREMONT QUE	B COM 4 CR 5257
GREGORY PAUL EDWIN 123 BEAUDRY ST MONTREAL QUE 270 EMERICK AVE FORT ERIE N ONT	B A 1 CH 8181
GREER KATHLEEN MARGARET 3856 DRAPER AVE MONTREAL QUE	B L S 1 DE 7513
GRESHAM RALPH B 129 5TH AVE VERDUN QUE 103 ASCOT AVE TORONTO ONT	B ENG MI 4 YO 8859
GREULICH BETTY M 5181 COTE ST ANTOINE RD N D G MONTREAL QUE	M A 1 WA 8507
GREULICH RICHARD C 5181 COTE ST ANTOINE RD N D G MONTREAL QUE	M SC 1 WA 2507
GRIDLEY MARY ELIZABETH 5660 MONKLAND AVE N D G MONTREAL QUE	B SC 1 DE 8821
GRIFFIN DANIEL J 6657 CHRISTOPHE COLOMB S MONTREAL QUE	M A 1 CA 4627
GRIFFIN HELEN L 6642 MONKLAND AVE MONTREAL QUE	B A 3 DE 0441
GRIFFIN JOHN ALLEN 111 CORNWALL AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 4284
GRIFFIN JOHN ELDON 3609 UNIVERSITY AVE MTL 224 7TH STREET NORANDA QUE	MD CM 1
GRIFFITH BARBARA JEAN 3445 NORTHCLIFFE AVE N D G MONTREAL QUE	B ARCH 3 DE 8382
GRIFFITH ANN 398 ROSLYN AVE WESTMOUNT QUE	B SC P E 4 DE 4433
GRIFFITHS HERBERT DAVID PETERSON RESIDENCE WALLACETOWN R R 1 ONT	M SC 1
GRIFFITHS PATRICIA ANN 220 7TH STREET SASKATOON SASK	B SC P E 3
GRIFFITHS PETER G V 275 QUERBES AVE OUTREMONT QUE	B SC 2 CR 0277
GRIFFITHS ROY 5574 BANNANTYNE AVE VERDUN QUE	B ENG 3 TR 9355
GRIFFITHS VICTOR BRYAN PETERSON RESIDENCE 111 HILLCREST AVE MONTREAL WEST QUE	MD CM 4
GRIGANOVICH HELEN E 5920 5TH AVE ROSEMOUNT MONTREAL QUE	B SC 1
GRIMSGAARD ETHEL M MACDONALD COLLEGE 2363 GRAND BLVD MONTREAL QUE	TCH RRVD 1
GRINGER GERALDINE C S MACDONALD COLLEGE 4621 HUTCHISON ST APT 4 MONTREAL QUE	TCH ELEM 1
GRINDLEY ROBERT DAWSON COLLEGE 622 VICTORIA AVE WESTMOUNT QUE	B SC 2
GRISCHKAT KATHARINE S 1532 MACKAY ST APT 7 MONTREAL QUE	M S W 2 YO 3564
GRISDALE MARGUERITE M 27 LAMARCHE ST IROQUOIS ONT	B SC AGR 2
GROSMAN JERRY SIDNEY 620 DEL EPEE ST MTL 1142 HENRY ST NORTH BATTLEFORD SASK	B SC 3 CR 3036
GRONAU WILLIAM EDWARD 3616 OXENDEN AVE MTL P O BOX 137 OTTAWA ONT	B SC 4 HA 7472
GRONEWALD JOHN L 312 KENSINGTON WESTMOUNT QUE 3842 W MAYPOLE AVE N D G MONTREAL QUE	B ENG EL 4 FI 6507
GROOME GEO R 2020 PATRICIA AVE APT 5 MONTREAL QUE	M ENG 1 WA 7623
GROPER FLORENCE 5432 HUTCHISON ST OUTREMONT QUE	B A 1 CA 7175
GROSS CHARLES F 27 DECASSON ROAD WESTMOUNT QUE	B ENG 3 WI 7392
GROSS DOUGLAS S 124 ABERDEEN AVE WESTMOUNT QUE	B COM 3 DE 3921
GROSS GEORGE EMANUEL 4260 DORCHESTER ST WEST WESTMOUNT QUE 820 WEST END AVE NEW YORK 25 N Y U S A	MD CM 1 WE 4413
GROSS GERRY GENE 202 COTE ST ANTOINE WESTMOUNT QUE	B A 2
GROSS GLORIA HELEN 2839 WILLOWDALE AVE MONTREAL QUE	B A 1 AT 3705
GROSS KENNETH 10 MERTON CRESCENT HAMPSTEAD QUE	B COM 4 DE 8553
GROSSMAN EDDIE JULIUS 5027 ST URBAIN ST MONTREAL QUE	B A 2 CR 4327
GROSSMAN HARVEY 5031 PONSARD AVE MONTREAL QUE	B A 3 WA 3577
GROSSMAN HARVEY 4865 CEDAR CRESCENT MONTREAL 6 QUE	L MUS 4
GROSSMAN STANLEY 4680 LACOMBE AVE MONTREAL QUE	B A 2 EX 5229
GROSSMITH SETH WALTER 2057 MCGILL COLLEGE AVE MONTREAL QUE	B ENG EL 3
GROVER DORIS NORMA 5202 WELLINGTON ST VERDUN QUE	B COM 3 YO 8039
GROVER LEONA 27 PAGNUELO AVE OUTREMONT QUE	B SC 3 CA 8585

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GROVER MORTON 321 QUERBES AVE MONTREAL QUE	B COM 4 CR 4480
GROVES TREVOR K 3437 PEEL ST MTL QUE MONTREAL QUE HEATHWOOD CAMBURLEY SURREY ENGLAND	B SC 4 PL 1674
GRUMAN VICTOR 949 ROCKLAND AVE MONTREAL QUE	B COM 1 CR 4578
GRYJ FELICIA 4109A ESPLANADE AVE MONTREAL QUE	B SC 3 BE 3184
GRZYWNA HELEN ANNE P 5666 16TH AVE RSMT MONTREAL QUE	B A 1 FA 2707
GUADAGNI NERI 4120 BENNY AVE APT 34 MONTREAL QUE	MED DIPL 2 DE 9211
GUADEY HAILU 550 MILTON ST MONTREAL QUE MINISTRY OF EDUCATION ADDIS ABABA ETHIOPIA	B SC 4 LA 7002
GUALTIERI ANTHONY R 6827 LOUIS HEMON MONTREAL QUE	B A 2 TA 5644
GUALTIERI ROSA BIANCA 6827 LOUIS HEMON ST MONTREAL QUE	B C L 2 TA 8644
GUALTIERI TERESA GIULIA 6827 LOUIS HEMON ST MONTREAL QUE	B A 4 TA 5644
GUBITZ IRVING CENTRAL Y M C A 2301 KINGS HIWAY BROOKLYN N Y U S A	B A 2
GUDZ ORYST EUGENE DAWSON COLLEGE QUE 2920 HOLT ST MONTREAL QUE	B ENG EL 2 FR 5300
GUENETT RICHARD RONALD 424 WOODLAND AVE VERDUN QUE 130 MARGUERITE BOURGEOIS QUEBEC CITY QUE	B ENG EL 3
GUERTIN JOSEPH RAYMOND 5310 MENTANA ST APT 1 MONTREAL QUE R R 1 BRECKENRIDGE QUE	B ENG CI 3
GUEST VIRGINIA CHRISTIN ROYAL VICTORIA COLLEGE 2 MUNRO PARK AVE TORONTO ONT	B A 1
GUIHAN WILLIAM B 555 VIAU ST MONTREAL QUE	B ARCH 3 CL 8987
GUILD JULIUS ROYAL VICTORIA HOSPITAL 8638 108 STREET EDMONTON ALTA	MED DIPL 2 PL 1251
GUILLON SILAS JACK 2068 SHERBROOKE ST W APT 11 MONTREAL QUE	B ARCH 3 FI 8802
GUINDON JOSEPH SYLVIO 4118 MERCIER ST ST JOHNS QUE 12 CHAMPLAIN ST DESCHENES QUE	B ENG 3
GULKIN ELI 4001 ST LAWRENCE ST MONTREAL QUE	B A 4 LA 0043
GUNASEKERA DONALD 550 MILTON ST MONTREAL QUE SWASTHIGIRI BENTOTA CEYLON	B ENG MC 4 LA 7002
GUNDY SHEILA KATHLEEN 30 STRATFORD RD HAMPSTEAD QUE	B A 1 EL 6230
GUNN GEORGE B 3609 UNIVERSITY ST MONTREAL QUE FURNESS SASK	PH D 4 LA 6307
GUNN JACK EMERSON 769 DESMARCHAID BLVD VERDUN QUE	B ENG 3 YO 4033
GUNN KENRICK LEWIS S 1827 LINCOLN AVE MONTREAL QUE 320 ST GEORGE ST LONDON ONT	PH D 4 FI 5154
GUNNARSSON GUDNI K 3742 ST HUBERT ST MONTREAL QUE VESTMANNAEYJAR ICELAND	B ENG CH 4 LA 2662
GUNTHER MARY ELLEN 1504 MACKAY ST MTL 5 MAIN STREET WAPAKONETA OHIO U S A	MD CM 2
GURAVICH JUDAH LIONEL 5650 COTE ST LUC RD APT 25 MONTREAL QUE	MED DIPL 2 WA 9307
GUREVITCH ESTA ROYAL VICTORIA COLLEGE 1203 COLBOURNE CRESCENT CALGARY ALTA	B A 4
GURR NANCY MAY MACDONALD COLLEGE 251 MORRISON AVE TOWN OF MOUNT ROYAL QUE	TCH INT 1 AT 8254
GUTHERZ ZULA B 1245 MT ROYAL BLVD OUTREMONT QUE	B A 2 CA 6010
GUTHRIE DONALD ARTHUR 65 SHERBROOKE ST W MONTREAL QUE 310 KENSINGTON ST ST JAMES MAN	PH D 2 HA 5689
GUTHRIE JOHN ERSKINE 3505 JEANNE MANCE ST MONTREAL QUE SOPERTON ONT	B SC 4 MA 8589
GUTKNECHT RENE 5325 MCKENNA MONTREAL 26 QUE	B A 2 AT 8692
GUTMAN NECHA SARA 1421 BISHOP ST APT 6 MONTREAL QUE	B A 4 BE 2193
GUTTMAN ARTHUR IRVING 4805 VICTORIA AVE MONTREAL QUE	B COM 1 DE 1609
GUTTMAN FRANK MYRON 722 WISEMAN AVE OUTREMONT QUE	B SC 2 DO 5077
GUTTMAN IRWIN 2700 ST CATHERINE ROAD MONTREAL QUE	B SC 3 AT 5291

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NAME ADDRESS	COURSE & YEAR TEL. NO.
H	
HAAPALAINEN ELNA I MACDONALD COLLEGE 1451 OVERDALE AVE APT 20 MONTREAL QUE	TCH INT 1
HABERL JOHN FRANCIS 32 DUFFERIN RD HAMPSTEAD QUE	B ENG PH 2 EL 4461
HABERMANN STANLEY J 12 WINCHESTER AVE WESTMOUNT QUE	B A 4 WA 3843
HACKETT DAVID L 3581 UNIVERSITY ST MTL 848 HIGH STREET DEDGAM MASS U S A	B A 4 MA 3842
HACKETT JOSEPH G L 3710 JEANNE MANCE ST MONTREAL QUE 1337 PINE AVE SILLERY QUE	B ENG MC 3
HACKETT MICHAEL W 4455 KING EDWARD W N D G MONTREAL QUE	B C L 1 DE 7567
HADDON ALBERT WALTER DAWSON COLLEGE 188 MERCIER ST SHERBROOKE QUE	B ENG MC 2
HADEKEL DANIEL 3435 LAVAL AVE MONTREAL QUE	M SC 1 MA 4098
HADLEY DOUGLAS S MACDONALD COLLEGE HEMMINGFORD QUE	TCH ELEM 1
HADLEY GORDON E 16 LAKE BREEZE TERR VALOIS QUE	B ENG MC 4
HAGUE KENNETH C 4477 MONTROSE AVE WESTMOUNT QUE	B ENG MC 4 EL 4156
HALDANE GILBERT R 144 BROUGHTON AVE MONTREAL WEST QUE	M SC 1 DE 2709
HALDENBY PAMELA MARY 49 ROSEMOUNT AVE WESTMOUNT QUE	B A 4 FI 7071
HALIBURTON JOHN D MACDONALD COLLEGE AVONPORT KINGS CO N S	B SC AGR 3
HALL ALAN HAROLD 5050 ROSLYN AVE APT 11 MONTREAL 6 QUE	B ARCH 5 EX 6456
HALL ARTHUR CLIFFORD DAWSON COLLEGE 4601 ROSEDALE AVE N D G MONTREAL QUE	B SC 2
HALL BASIL MACKENZIE 2054 MCGILL COLLEGE AVE APT 7 MONTREAL QUE 7 CATHAY ST GALT ONT	B ARCH 4 HA 7684
HALL ELSA MONICA ROYAL VICTORIA COLLEGE 21 ROOSEVELT AVE LIGUANEA JAMAICA B W I	B SC 2
HALL ELWIN WILLIAM 4050 RIDGEVALE AVE APT 9 MONTREAL QUE 100 ST JOHN ST EAST ANGUS QUE	B ENG MC 3
HALL GEORGE DOUGLAS 257 LOCKHART AVE TOWN OF MOUNT ROYAL QUE	B ENG 1
HALL JOHN EMMETT 3617 LORNE CRESCENT MTL 220 POPLAR CRESC SASKATOON SASK	MD CM 2 LA 8013
HALL JOHN GERALD 580 GROSVENOR AVE MONTREAL QUE 375 STE FRS XAVIER ST THREE RIVERS QUE	PARTIAL EL 2306
HALL JOHN LANDON 125 PERCIVAL AVE MONTREAL WEST QUE	B SC P E 2 DE 3758
HALL NANCY CATHERINE 4655 BONAVISTA AVE N D G MONTREAL QUE	M S W 1 DE 9875
HALL OLIVE MARION 555 SHERBROOKE ST W MONTREAL QUE 17 O PEONJO RD OTTAWA ONT	B F A 2
HALL PETER R C V 2019 STANLEY ST APT 1 MONTREAL QUE	M SC 2 LA 6063
HALL ROBERT ARTHUR 4310 HARVARD AVE N D G MONTREAL QUE	B COM 2 DE 5711
HALL SHIRLEY MARIE 2223 DORCHESTER WEST MONTREAL QUE 56 WEST 43RD AVE VANCOUVER B C	B A 3 W I 4518
HALLDORSSON PALL DAWSON COLLEGE ESKIHLIDIG REYKJAVIK ICELAND	B ENG 1
HALLAS MARIA MACDONALD COLLEGE 1050 ST VIATEUR AVE OUTREMONT QUE	TCH ELEM 1
HALLER PETER N 596 BELMONT AVE WESTMOUNT QUE	B SC 4 WA 7428
HALLETT PATRICIA ANN 555 SHERBROOKE ST W MONTREAL QUE 57 CHESTERFIELD DR ROCHESTER N Y U S A	B A 2
HALLETT WILLIAM BRUCE 103 N ELLESMERE AVE VANCOUVER B C	D D S 2
HALLIN ROGER WALTER DOUGLAS HALL 1434 25TH AVE LONGVIEW WASH U S A	MD CM 2
HALLSWORTH ROBERT NORMA 5950 DUROCHER ST MONTREAL QUE	B COM 3 CA 3474
HALLWARD JOHN M 3525 MOUNTAIN ST MONTREAL QUE	B A 4 BE 4532
HALPERIN ALEX HARRIS 4945 VICTORIA AVE MONTREAL QUE	B SC 3 DE 1900
HALPERIN IRVING JOSEPH 4652 HUTCHISON ST MONTREAL QUE	B C L 1 DO 4091
HALPERN ESTHER 3509 HUTCHISON ST MONTREAL QUE	B SC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HALPERN ETHEL 3445 VENDOME AVE N D G MONTREAL QUE	B SC 1 DE 2772
HALSALL ALBERT E 5247 5TH AVE ROSEMOUNT MONTREAL QUE	B ENG CH 4 AM 1061
HALSTED ELINOR ROYAL VICTORIA COLLEGE 759 HIGH ST DE DHAM MASS U S A	B A 1
HALTIGAN WILLIAM J PETERSON RESIDENCE CLARKDALE ARIZONA U S A	M A 1
HALTRECHT STANLEY D 4206 VAN HORNE AVENUE MONTREAL QUE	B A 2
HALY PAUL JOHN C 3419 STANLEY ST MONTREAL QUE	B A 1 PL 9865
HAM LESLIE GILMER 4560 MICHEL BIBAUD MONTREAL QUE	B A 3 AT 2694
HAMBURG ESTHER R 5650 COTE ST LUC RD MONTREAL QUE GLACE BAY N S	B COM 2 WA 7022
HAMBURGER ALEXANDER H 4030 VENDOME AVE MONTREAL 28 QUE	B A 3 DE 7828
HAMEL GUY ALLEN 2306 SOUVENIR ST MONTREAL QUE 340 CHAPEL ST OTTAWA ONT	B ENG MC 4 WE 0518
HAMEL JOSEPH G G 5010 SHERBROOKE ST W APT 21 MONTREAL QUE 53 LAROCQUE ST SHERBROOKE QUE	B ENG CI 4 EL 0869
HAMEL LUCIEN LEO 4803 ST URBAIN ST MONTREAL QUE 135 NOEL ST ASBESTOS QUE	B COM 1 PL 6719
HAMEL RENE JEAN N 548 PRINCE ARTHUR ST MONTREAL QUE 224 MORIN HEIGHTS WOONSOCKET R I	B A 1
HAMEL ROBERT MAURICE 9002 BERRI ST MTL 276 MERCIER ST ST JOHNS QUE	B SC 2
HAMID LYNDA W ROYAL VICTORIA COLLEGE 8 PRINCE ALFRED ST SAN FERNANDO TRIN B W I	B SC 4
HAMILL ELLEN JOYCE 40 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC P E 3 AT 8443
HAMILL GERALDINE N MACDONALD COLLEGE 40 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC H E 3
HAMILTON BRUCE A 3587 UNIVERSITY ST MONTREAL QUE 4 ALCAZAR ST P O S TRINIDAD B W I	B ARCH 3 LA 6714
HAMILTON DOUGLAS D 1455 DRUMMOND ST APT 516 MONTREAL QUE COWANSVILLE QUE	B ENG CI 3
HAMILTON ERWIN C 3440 DECARIE BLVD MONTREAL QUE	B SC 3 DE 3263
HAMILTON GERALD BARR WILSON HALL 178 EUGENIE ST NORWOOD WINNIPEG MAN	B ENG MI 4
HAMILTON HELEN L MACDONALD COLLEGE R R 2 FREDERICTON N B	B SC H E 2
HAMILTON HERMAN A MACDONALD COLLEGE ANCHOVY P O ST JAMES JAMAICA B W I	B SC AGR 1
HAMILTON HUGH A 4402 MAYFAIR AVE MONTREAL QUE	M SC 1 DE 9358
HAMILTON LOUIS S MACDONALD COLLEGE MAXVILLE ONT	B SC AGR 3
HAMILTON MARGARET MACDONALD COLLEGE 50 CHURCH ST LENNOXVILLE QUE	B SC H E 4
HAMILTON PHILIP H B DAWSON COLLEGE 19 GLENVIEW AVE TORONTO 12 ONT	B ENG 1
HAMILTON WM NEILSON DAWSON COLLEGE 4706 GROSVENOR AVE MONTREAL QUE	B ENG MI 2 WA 3674
HAMMOND JOHN W 1210 PINE AVE W MONTREAL QUE 1202 WOLSELEY AVE WINNIPEG MAN	B ENG MC 4 HA 0098
HAMMOND JONATHAN ACTON 570 MILTON STREET APT 4 MONTREAL QUE 2601 PARKWAY PHILADELPHIA 30 PA U S A	MD CM 2
HAMMOND WALTER ROSS MACDONALD COLLEGE R R 1 DUNANY QUE	B SC AGR 2
HAMPSON CHRISTOPHER DAWSON COLLEGE 88 CHURCH HILL AVE WESTMOUNT QUE	B ENG CH 2
HAMPSON DAVID VICTOR 1032 OXFORD AVE N D G MONTREAL 28 QUE	B ENG EL 3 DE 6162
HAMPSON HAROLD ANTHONY 88 CHURCH HILL AVE WESTMOUNT QUE	B A 4 WI 8165
HANKINSON KATHLEEN C 328 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	PHYSIOTH 1 AT 1271
HANLEY ALLEN JOSEPH 162 ST LAWRENCE ST LONGUEUIL QUE	B ENG MC 3
HANLEY WILLIAM 162 ST LAWRENCE BLVD LONGUEUIL QUE 19 CHAMPLAIN AVE NITRO QUE	B A 3
HANLON JOSEPHINE ANN ROYAL VICTORIA COLLEGE CAVALRY ROAD WESTPORT CONN U S A	B A 1
HANLY MARGARET JEAN 615 CARLETON AVE WESTMOUNT QUE	B SC 3 EL 4809

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HANNA JOHN LEWIS DAWSON COLLEGE QUE 54 BRODEUR ST DORION QUE	B ENG EL 2
HANNA LAWRENCE DAWSON COLLEGE 26 ROYAL ST FARNHAM QUE	B ENG CH 2
HANNA NEIL IRA MACDONALD COLLEGE SHAWVILLE QUE	B SC AGR 1
HANNA ROBERT L 659 GROSVENOR AVE WESTMOUNT QUE SHAWVILLE QUE	B SC 4 EL 6865
HANNAN CHARLES K 3419 UNIVERSITY ST MONTREAL QUE MAIN ST RANDALSTOWN CO A CO ANTRIM N IRELAND	B SC 3 MA 0668
HANNAN P CLAUDE 3770 GREY AVE MONTREAL QUE 251 LAURIER AVE QUEBEC CITY QUE	B COM 4 DE 3006
HANNON MATTHEW STUART 1139 SHERBROOKE ST W MONTREAL QUE	B C L 3 PL 2652
HANRAHAN GORMAN EDWARD 5438 BRODEUR AVE MONTREAL QUE	MD CM 3 EL 2180
HANSEN JEAN N 3480 ONTARIO AVE MONTREAL QUE BRATTLEBORO VT U S A	B C L 1 PL 0044
HANSON THOMAS GEOFFREY 3500 SHUTER STREET APT 2 MONTREAL QUE	B A 4 MA 5864
HARAN ANITA LORETTE 2151 LINCOLN AVE MONTREAL QUE ST LOUIS HOTEL ROUYN QUE	B A 1 FI 2183
HARASYM WALTER A 5931 2ND AVE ROSEMOUNT MONTREAL QUE	B ENG EL 4 CA 5683
HARBOTTLE THOMAS G 4927 WESTERN AVE WESTMOUNT QUE	B ENG EL 4 EL 5989
ARBOUR LEONARD T C 5717 ORLEANS AVE MONTREAL 36 QUE	CL 8324
HARCOURT JOHN 570 MILTON ST MONTREAL QUE 199 WOOLWICH ST GUELPH ONT	B A 1 LA 5714
HARFORD FREDERICK R 1217 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B SC 1 AT 7592
HARDING MICHAEL B DAWSON COLLEGE 470 PARK AVE NEW YORK N Y U S A	B ENG 1
HARDING SAMUEL A DAWSON COLLEGE 80 LALUNI STREET GEORGETOWN BR GUIANA	B SC 3
HARDY DENIS GEORGE DAWSON COLLEGE 457 ARGYLE AVE WESTMOUNT QUE	B ENG 1 FI 0986
HARDY GERALD PAUL DAWSON COLLEGE 5257 QUEEN MARY ROAD APT 10 MONTREAL QUE	B ENG 1
HARDY HENRY R DAWSON COLLEGE QUE 162 BELMONT AVE OTTAWA ONT	B SC 1
HARDY PHILIP STRICKLAND 4166 STE CATHERINE ST W MONTREAL QUE 44 AMBROSE ST CHARLOTTETOWN P E I	B SC 4
HARDY SHIRLEY P 40 A ST ANN ST STE ANNE DE BELLEVUE QUE 169 AYLMER AVE OTTAWA ONT	B SC H E 2
HARGADON KEVIN LAWRENCE 352 ELM AVE APT 2 WESTMOUNT MTL 6 QUE	D D S 4 FI 1794
HARGREAVE GEOFFREY D DOUGLAS HALL 121 HOPE ROAD JAMAICA B W I	B COM 1
HARKER TATIANA DAVID ROYAL VICTORIA COLLEGE 1073 PALMER AVE SCHENECTADY 8 N Y U S A	B SC 2
HARKNESS ERIC G MACDONALD COLLEGE IROQUOIS ONT	B SC AGR 4
HARKNESS JAMES B DAWSON COLLEGE 3300 RIDGEWOOD AVE APT 17 MONTREAL QUE	B ENG 1 AT 3424
HARKNESS ROBERT HUGH 4386 MONTROSE AVE WESTMOUNT QUE	B C L 1 WE 5486
HARLE ALLAN BROWN 2099 CONNAUGHT AVE MONTREAL WEST QUE 336 ROBIDGE STREET PETERBORO ONT	B SC P E 4
HARNEY PATRICIA M MACDONALD COLLEGE BELLIVEAU COVE DIGBY CO N S	B SC AGR 4
HARPER JOHN WINSTON 87 ST CHARLES RD GREENFIELD PARK QUE R R 1 MADRONA DR DEEP COVE SIDNEY B C	B ENG EL 4
HARPER RONALD V 30 CUTHBERT CRESC TORONTO ONT	B S W 1
HARPER WILLIAM D MACDONALD COLLEGE 6950 STUART AVE MONTREAL 15 QUE	B SC AGR 1
HARPHAM JOHN A 3420 UNIVERSITY ST MONTREAL QUE 3465 SIMPSON ST MONTREAL QUE	PH D 2
HARRISON CONSTANCE M 49 PALMERSTON AVE TOWN OF MOUNT ROYAL QUE	B SC P E 1
HARRINGTON WILLIAM H PETERSON RESIDENCES 1743 E 13TH AVE VANCOUVER B C	D D S 4
HARRIS ANNEMARIE HINTON ROYAL VICTORIA COLLEGE 98 WURTEMBURG ST OTTAWA ONT	B A 3
HARRIS CHARLES G 341 FIFTH AVE VERDUN QUE	B ENG MI 4 YO 7232

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HARRIS DONALD PAUL 1225 BERNARD AVE W APT 11 OUTREMONT QUE 225 E 47TH ST APT 5F NEW YORK 17 N Y U S A	B A 2 TA 3383
HARRIS EDWARD R 3605 UNIVERSITY ST MONTREAL QUE 25 HOMOSHEAD RD MARBLEHEAD MASS U S A	B COM 2 LA 0643
HARRIS GEORGE BERNARD C 224 COLLEGE ST VILLE ST LAURENT QUE	MD CM 4 BY 1607
HARRIS GRAHAM C DAWSON COLLEGE 5048 N D G AVE N D G MONTREAL 28 QUE	B ENG 1
HARRIS HONOR PATRICIA ROYAL VICTORIA COLLEGE 98 WURTEMBURG ST OTTAWA ONT	B A 3
HARRIS HOWARD MORTEN 3506 UNIVERSITY ST MONTREAL QUE SPRINGHILL N S	MD CM 1
HARRIS ISSIE V 5981 WAVERLY ST MONTREAL QUE	PARTIAL
HARRIS JAMES G 3650 LORNE CRESCENT ST MONTREAL QUE	B A 3
HARRIS JOSEPH PATRICK 4050 COOL AVE VERDUN QUE 600 OLIVER ROAD PORT ARTHUR ONT	B ENG EL 3 TR 8594
HARRIS NITA ELIZABETH ROYAL VICTORIA COLLEGE 43 DUNDAS STREET DARTMOUTH N S	B SC P E 4
HARRIS PHYLLIS E 4257 WILSON AVE N D G MONTREAL QUE	H SCH DI 5 DE 0614
HARRIS RHODA HELENE 4170 GIROUARD AVE MONTREAL QUE	B A 1 WA 1698
HARRIS ROBERT V 3543 84 ST JACKSON HEIGHTS L I N Y	B ARCH 1
HARRIS RUTH E 5264 COOLBROOK AVE MONTREAL QUE 61 CASTLE FRANK CR TORONTO ONT	B S W 1 WA 8006
HARRIS THOMAS EDWARD 1536 SUMMERHILL AVE APT 7 MONTREAL QUE	B ENG CI 4 WE 6381
HARRIS WILLIAM WALTER 1730 DORCHESTER ST W APT 11 MONTREAL QUE	B SC 4 WI 5640
HARRISON DONALD EDMUND U T C RESIDENCE P O BOX 90 NEWBURGH ONTARIO	MD CM 2
HARRISON JAMES ERNES G APT C22 MACDONALD COLLEGE	D D S 3
HARRISON JOHN LESLIE 5715 SHERBROOKE ST W APT 7 MONTREAL QUE	M A 1 WA 8794
HARROWER GEORGE A PETERSON RESIDENCE R R 1 DRESDEN ONT	M SC 1
HART DONNA LOUISE 4142 OXFORD AVE N D G MONTREAL QUE	B SC 2 DE 9456
HART FREDERICK C 152 ENGLISH ROAD TERREBONNE HEIGHTS QUE	B SC 4
HART HARRY FREDERICK WILSON HALL QUE 14 VICTORIA ST PERTH ONT	B ENG ME 4
HARTLEBEN MARIA C I F ROYAL VICTORIA COLLEGE 11 CALLE CUIDAD VIEJA GUATEMALA	B A 1
HARTZ ELI 2646 SOISSONS ST MONTREAL QUE	B ENG CH 4 AT 7400
HATT MARK LIVINGSTON 3446 HUTCHISON ST MONTREAL QUE KINGSTON KINGS CO NOVA SCOTIA	B SC P E 1 HA 4814
HARVEY ALEXANDER YMCA DRUMMOND ST MONTREAL QUE	B A 4
HARVEY CAMILLA ELSPETH 41 THURLOW RD HAMPSTEAD QUE	H SCH DI 5 DE 8042
HARVEY CLAUDE E 4371 DRAPER AVE MONTREAL QUE	B SC 4 EL 2251
HARVEY JACK HAMILTON DOUGLAS HALL 30 KINGS LYNN RD KINGSWAY PK TORONTO ONT	MD CM 1
HARVIE JOHN DALTON 355 METCALFE AVE WESTMOUNT QUE	B ENG CI 4 FI 7544
HARWOOD WILLIAM RANDOLPH 593 NOTRE DAME AVE ST LAMBERT QUE SUITE B WESTVIEW APTS BRANDON MANITOBA	D D S 4
HASLAM JOHN CURTIS 5464 WESTERN AVE N D G MONTREAL QUE	B ENG CH 4 EL 9226
HASTIE GEORGE ARMSTRONG 700 EAGEN AVE VERDUN QUE	B A 4 TR 9985
HASTINGS VICTOR ERNEST PRESBYTERIAN COLLEGE 133 SHENANDOAH RD BUFFALO 20 N Y U S A	B ENG CH 3
HAUGHN CLARIBEL E ROYAL VICTORIA COLLEGE LUNENBURG N S	B SC P E 3
HAUGHTON CONSTANCE E 3550 LORAE AVE DONALDA HOUSE KINGSTON JAMAICA B W I	B SC 3 BE 0468
HAUSER HALLOWELL H J 5550 PARK AVE MONTREAL QUE 125 OLIVER ST COWANSVILLE QUE	B COM 1 DO 0333
HAVARD ARTHUR LORNE UNION ST ST CESAIRE QUE	GRAD QUA 1
HAVILAND WILLIAM E 4555 ADAM ST MONTREAL QUE 21 RAY BLVD PORT ARTHUR ONT	B ENG CH 4 TU 1472

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HAWES DOUGLAS W 1041 DESMARCHAIS BLVD VERDUN QUE	B ENG EL 4 YO 4038
HAWIRKO ROMA Z 2165 LINCOLN AVE APT 4 MONTREAL QUE 2929 GLASGOW AVE VICTORIA B C	PH D 2 WI 2815
HAWKES CHARLES BLAIR UNITED THEOL COLLEGE 190 CONNELL ST WOODSTOCK N B	B SC 4
HAWKINGS WILLIAM EDGAR DAWSON COLLEGE BOX 222 KENOGAMI QUE	B ENG 1
HAWKINS EDITH P MCLENNAN HALL MILFORD STATION N S	B S W 1
HAWORTH LORNA H MACDONALD COLLEGE 1395 CRAWFORD BRIDGE ST VERDUN QUE	TCH ELEM 1
HAWTHORNE RUTH A MACDONALD COLLEGE BRIGHAM QUE	TCH ELEM 1
HAWTHORNE STANLEY 997 MANNING AVE VERDUN QUE	B COM 3 TR 1522
HAY DONALD ROSS 456 PINE AVE W MONTREAL QUE 123 BRUCE ST LONDON ONT	PH D 2 HA 9585
HAY IRIS WARING 534 MAPLE AVE ST LAMBERT QUE	B SC 1
HAYAMI RICHARD A COWANSVILLE ROAD FARNHAM QUE	B ENG 1
HAYES ALICE 5425 16TH AVE ROSEMOUNT MONTREAL QUE	M A 1 CL 7971
HAYES CONSTANCE M MACDONALD COLLEGE 37 WESTMINSTER AVE S MONTREAL WEST QUE	TCH INT 1
HAYES HAROLD MUIR 1525 ST MARK ST APT 7 MONTREAL QUE 295 DENNISON AVENUE GRANBY QUE	B ENG EL 3 FI 7146
HAYES MARY CURRELL ROYAL VICTORIA COLLEGE 267 POWELL AVE OTTAWA ONT	B F A 2
HAYNES GORDON A 657 3RD AVE VERDUN QUE	B ENG EL 4 YO 0303
HAYWOOD ALLAN RICHARD 5303 SHERBROOKE ST W APT 1 MONTREAL QUE 138 DUKE ST PORT ARTHUR ONT	B ARCH 4
HAYWOOD BRUCE 2504 MAYFAIR AVE N D G MONTREAL QUE	B A 4 EL 6856
HAYWARD CHARLES G 3581 UNIVERSITY STREET MONTREAL QUE 270 FIFTH AVE OTTAWA ONT	B ENG ME 4 MA 3842
HEADLEY RANDOLPH H 946 COLLEGE ST MONTREAL 30 QUE 7 WILLIAM ST SYDNEY N S	B SC 4 FI 3098
HEADRICK ROBERT C M 78 BRUCE AVE WESTMOUNT QUE 123 GROVE AVE OTTAWA ONT	B COM 4 WI 5004
HEANEY HENRY C 39 THORNHILL AVE WESTMOUNT QUE 39 BUTLER ST DORCHESTER 24 MASS	B ARCH 3 WE 1894
HEAP DANIEL J M MONT DIOCESAN COLLEGE 141 TACHE AVE NORWOOD GROVE MAN	B D 2
HEATH EDGAR SHELDON DAWSON COLLEGE QUE 73 ABERDEEN AVE BRANTFORD ONT	B SC 1
HEATHERINGTON LORNA E E MACDONALD COLLEGE COOKSHIRE QUE	TCH ELEM 1
HEBERT JOHN E 330 DE L EPEE AVE OUTREMONT QUE 217 WAVERLEY ST OTTAWA ONT	B ENG MC 3 CA 3675
HEBERT LUCIEN P 1441 DRUMMOND ST MONTREAL 25 QUE 142 CHURCH ST EDMUNDSTON N B	B ARCH 2
HECKMAN DONALD E 4434 OXFORD AVE N D G MONTREAL QUE	B SC 3 EL 3073
HEDETNIEMI GEORGE E 4 BUTMAN AVE GLOUCESTER MASS	B ARCH 4
HEFFERNAN JAMES LEWIS PETERSON RESIDENCE	MD CM 3
HEIBERG GEORGE E DAWSON COLLEGE 660 ST CATH ST W RM 117 MONTREAL 2 QUE	B ENG 1
HEIKKINEN BERTHA I MACDONALD COLLEGE MATTAGAMI HEIGHTS ONT	B SC H E 4
HELD ALAN ELLISON DAWSON COLLEGE QUE 3782 VENDOME AVE N D G MONTREAL QUE	B SC 1 DE 3861
HELFIELD ERIC SIDNEY 6046 HUTCHISON ST OUTREMONT QUE	B A 2 DO 4794
HELLE STEPHEN JOSEPH DAWSON COLLEGE CAIXA POSTAL 2808 SAO PAULO BRAZIL	B SC 2
HELLER EMMANUEL 3557 DUROCHER AVE MONTREAL QUE 10 EAST 85TH ST NEW YORK U S A	B A 2 HA 7512
HELLER IRVING HENRY BOX 151 POST OFFICE MACDONALD COLLEGE QUE	MD CM 4
HELLER LEON 1327 LAJOIE AVE MONTREAL 8 QUE	MD CM 3 CA 4032

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HENDERSON MARY W 506 PINE AVE W MONTREAL QUE 143 FREDERICK ST KITCHENER ONT	B S W 1 MA 5794
HELLSTROM JOHN GUSTAF 5 MURRAY AVE WESTMOUNT QUE	B SC 4 EL 0403
HEMMING GEORGE WALTER B 4340 MONTROSE AVE WESTMOUNT QUE	B COM 3 WI 1364
HEMMINGS LYLE MILTON 105 QUINN BLVD LONGUEUIL QUE	B SC 2
HENCHEY WILLIAM GORDON 5345 BRODEUR AVE N D G MONTREAL QUE	B ENG 3 EL 6119
HENDELMAN RUTH 5284 SARANAC AVE MONTREAL QUE	PHYSIOTH 1 WA 9681
HENDERSON HARTLEY HILL PETERSON RESIDENCES 143 FREDERICK ST KITCHENER ONTARIO	MD CM 2
HENDERSON JOHN G 4193 WEST HILL AVE N D G MONTREAL QUE	B COM 4 EL 7492
HENDERSON RONALD E 527 MARY ST OSHAWA ONT	B ENG CH 3
HENDERSON WILLIAM L 657 17TH AVE LACHINE QUE	B ENG MC 3
HENDRICKSON KARL R 629 PRINCE ARTHUR ST W MONTREAL QUE MANDEVILLE JAMAICA B W I	B COM 2 MA 0739
HENLEY BETTY ANN 1630 LINCOLN AVE MONTREAL QUE	B S W 1 FI 2761
HENNEBERRY BARBARA M MACDONALD COLLEGE GRAND ANSE N S	B SC AGR 4
HENNESSEY JOHN FRANCIS 233 MOUNT VERNON AVE MONTREAL WEST QUE 1001 DEVER RD FAIRVILLE N B	MD CM 1 EL 2844
HENNESSY JOHN R 1210 PINE AVE W MONTREAL QUE ST PAUL L ERMITE QUE	B ENG MC 4 HA 0098
HENNIGAR CARL AUSTIN 438 WALPOLE AVE MONTREAL QUE	B ENG EL 4 AT 8045
HENNIGAR ROSS ALLAN MACDONALD COLLEGE 438 WALPOLE AVE TOWN OF MT ROYAL QUE	B SC AGR 3
HENRIKSON ARNE 4820 BORDEN AVE APT 21 N D G MONTREAL QUE	PH D 2 WA 8310
HENRY ANNE STEWART 3057 CEDAR AVE MONTREAL QUE	B SC 1 FI 1295
HENRY JOAN MABEL 3435 MONTCLAIR AVE MONTREAL QUE	4
HENRY PHILIP DANIEL 545 PINE AVE WEST MTL 159 MACHAR AVE PORT ARTHUR	MD CM 2 MA 1545
HENRY WILLIAM HUNTER 5311 PARK AVE APT 5 MONTREAL QUE	PH D 4 TA 7755
HENSTRIDGE CHARLES O C 531 ABERCORN AVE TOWN OF MOUNT ROYAL QUE	B ENG MC 4 AT 0905
HERDMAN ROBERT 1 MARCELLE AVE CORNER BROOK NFLD	B ENG MC 4
HERMANN HOWARD THEODORE ROYAL VICTORIA HOSPITAL 1165 CLINTON AVE IRVINGTON N J 11 U S A	MED DIPL 1 PL 1250
HERON JOHN KEITH 14 MURRAY GARDENS PTE CLAIRE QUE	MUS QUAL 2
HERON WOODBURN 3650 LORNE CRESCENT APT 1 MONTREAL QUE WALDERSTON JAMAICA B W I	PH D 2
HERRERO FERNANDO DAWSON COLLEGE QUE 677 SAN JOSE COSTA RICA	B SC 1
HERRINGTON FRANK FYFE 121 BALLANTYNE AVE N MONTREAL WEST QUE	B SC 3 DE 0415
HERSCH PAUL DAWSON COLLEGE 3345 RESERVOIR OVAL BRONX 67 N Y C U S A	B SC 2
HERSEY LEWIS W 3421 PEEL ST MONTREAL QUE 2052 LORRAINE AVE WINDSOR ONT	B SC 3 PL 3003
HERSCHORN MICHAEL 5365 PARK AVE MONTREAL QUE	B A 1 CR 6142
HERSH JACOB 58 DULUTH ST W MONTREAL QUE	M A 1 MA 9950
HERSHORN ROBERT BERNARD 668 BELMONT AVE WESTMOUNT QUE	B COM 2 EL 4551
HERTZMAN BERNARD 992 DAVAAR AVE APT 4 OUTREMONT QUE	B A 2
HESLAM RICHARD MURRAY 4085 KENSINGTON AVE N D G MONTREAL QUE	MD CM 4 EL 5344
HESLOP ROBERT W MACDONALD COLLEGE 303 13TH AVE LACHINE QUE	B SC AGR 1
HEWARD CHILION FRANK G 18 ROSEMOUNT AVE WESTMOUNT QUE	B COM 1 WI 4571
HEWSON JOANNE SELDEN 19 KILBURN CRESCENT HAMPSTEAD QUE	B F A 2 DE 2639
HEYDING ROBERT D 1643 LINCOLN AVE APT 6 MONTREAL QUE 1112 SPADINA CRESC E SASKATOON SASK	PH D 2
HIAM ELIZABETH H ROYAL VICTORIA COLLEGE 307 HAMMOND ST CHESTNUT HILL MASS	B A 1
HIBBARD ERIC DALE 4465 SHERBROOKE ST W WESTMOUNT QUE LACHUTE QUE	B C L 1 EL 1886

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HICK EMILY CATHERINE 3823 MELROSE AVE N D G MONTREAL 28 QUE	B A 3 DE 2590
HICKEY D RONALD 3857 ROYAL AVE N D G MONTREAL QUE	B ENG CH 4 DE 7413
HICKS ISOBEL P MACDONALD COLLEGE SHAWBRIDGE QUE	TCH INT 1
HICKS MARIAN ELSIE 373 MERTON AVE ST LAMBERT QUE	B A 2
HIGGINS JOHN A 1389 MANNING AVE VERDUN QUE	B SC 2
HIGGINS ROBERT DAVIDSON DAWSON COLLEGE 717 42 AVENUE LACHINE QUE	B ENG 1
HIGGINSON JEAN B ROYAL VICTORIA COLLEGE 41 MCGILL ST HAWKESBURY ONT	B A 3
HILBORN EILEEN LOUISE MACDONALD COLLEGE 79 GLENRIDGE AVE ST CATHARINES ONT	TCH ELEM 1
HILBORN WILBERT JOSEPH 5676 JEANNE MANCE ST MONTREAL QUE 1930 WEST 16TH AVE VANCOUVER B C	D D S 1 CR 57080
HILL EDMUND R 1160 ST MARK ST APT 37 MONTREAL QUE 185 CLEVELAND AVE WAYNESBORO PENNA U S A	B COM 4 WE 6811
HILL RAYMOND DEAN 615 43RD AVENUE LACHINE QUE MILLVILLE N B	MD CM 1
HILL WILLIAM JOHN L 4478 OLD ORCHARD AVE MONTREAL QUE	B COM 4
HILLMAN DONALD ARTHUR 4660 CONNAUGHT AVE N D G QUE	MD CM 3 DE 5678
HILTZ ARNOLD A 3115 LINTON AVE APT 8 MONTREAL QUE SEA VIEW P E I	PH D 2 AT 3742
HILTZ JUDITH EVELYN 4662 HINGSTON AVE N D G MONTREAL QUE	B A 1 EL 6224
HINDS JOSEPHINE DULCINA 2024 AYLMER STREET MONTREAL QUE	B SC 3 LA 8694
HINES RONALD G 34 PHOENIX ST BRIDGEWATER N S	B ENG CH 3
HINTON GEORGE G DOUGLAS HALL 19 PENDRACON LANE BRADFORD YORKS ENGLAND	B SC 3
HIPKIN RICHARD J 3592 UNIVERSITY ST MONTREAL QUE P O BOX 4084 SOUTH EDMONTON ALTA	B ENG CH 4
HIRSCHHEIMER BARBARA I 4379 WESTMOUNT AVE WESTMOUNT QUE	B A 1 EL 3668
HIRSCHEIMER ERNEST M 4379 WESTMOUNT AVE WESTMOUNT QUE	B COM 2 EL 3668
HISCOCKS ROBERT G 4652 SHERBROOKE ST W APT 5 MONTREAL QUE GANANOQUE ONT	B ARCH 3 WA 9024
HITCHINGS WILLIAM D DAWSON COLLEGE R R 5 ST STEPHEN N B	B SC 2
HITSCHFELD WALTER 4600 W BROADWAY AVE MONTREAL 28 QUE	PH D 3 WA 9841
HITZIG KEN 454 WILLOWDALE AVE OUTREMONT QUE	B COM 2 AT 0596
HITZIG STANLEY 4907 PIEDMONT AVE MONTREAL QUE	B COM 4 AT 4236
HOARE COLIN GUY T 481 PRINCE ARTHUR ST MONTREAL QUE MOUNTSTEPHEN CROSSWAYS SIDMOUTH DEVON ENGLAND	B ENG CH 3
HOBART GEORGE M 3114 DAULAC RD MONTREAL QUE 315 REGENT ST LONDON ONT	B C L 1 WI 0212
HOBSON GEORGE B MACDONALD COLLEGE 5014 PONSARD AVE MONTREAL QUE	B SC AGR 3
HOCHSTER ROLF M 523 PINE AVE W APT 102 MONTREAL QUE	PH D 3 LA 3525
HODDER MORLEY F 3508 UNIVERSITY ST MONTREAL QUE 7R MERRY MEETING RD ST JOHN S NEWFOUNDLAND	B D 1 HA 4873
HODGE BERNARD G MACDONALD COLLEGE COOKSHIRE QUE	B SC AGR 4
HODGE DORIS ANNE 525 NOTRE DAME ST ST LAMBERT QUE	B A 1
HODGE FRANCES JESSIE 53 BELVEDERE CIRCLE MONTREAL QUE	B A 3 FI 6527
HODGE MARGARET M E MACDONALD COLLEGE 2030 COTE DE LIESSE RD TOWN OF MOUNT ROYAL QUE	TCH INT 1
HODGES MARY J ROYAL VICTORIA COLLEGE KAMSACK SASK	B COM 3
HODGINS DONALD RICHARD APT 4 3463 SHUTER ST 1330 MINTO STREET VICTORIA B C	MD CM 3 PL 5731
HODGKINSON NEIL ALEX 3655 OXENDON AVENUE MONTREAL QUE 1 SWEET BRIAR RD ST CLAIR PT OF SP T DAD	B COM 1
HODGSON BARBARA E 4260 HINGSTON AVE MONTREAL QUE	B A 3 EL 5944
HODGSON BRUCE B 6355 SOMERLED AVE MONTREAL QUE	B COM 4 WA 9872

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HODGSON RONALD C BELOEIL STATION QUE	B ENG CH 4
HODGSON THOMAS E 1610 SHERBROOKE ST W MONTREAL QUE	B COM 4 WE 1412
HOEY LOIS ANN 707 7TH ST BRANDON MAN	B SC P E 1
HOFF CLAYTON HENRY WILSON HALL CHICAGO 40 U S A 4415 N WINCHESTER	B A 4
HOFFMAN HERBERT B 433 ST JOSEPH BLVD W OUTREMONT QUE	M SC 1 CR 3651
HOFFMAN JACK BENJAMIN 5578 WOODBURY AVE OUTREMONT QUE	B A 1 AT 8723
HOFFMAN PEARL 802 DOLLARD AVE OUTREMONT QUE 4850 OAK STREET VANCOUVER B C	PARTIAL CR 2065
HOFLIDSON JOHN WILROY DAWSON COLLEGE 1060 DOWNING ST WINNIPEG MAN	B ENG CH 2
HOFMANN HERTA ANN 4268 MADISON AVE N D G MONTREAL QUE	B A 1 DE 5506
HOGAN HOWARD R 78 7TH AVE ST EUSTACHE SUR LE LAC QUE	M SC 1
HOGAN JOHN THOMAS DAWSON COLLEGE 4845 DESERABLES MONTREAL QUE	B SC 2
HOGG DAVID CLARENCE 4561 DRAPER AVE N D G MONTREAL QUE ROSELYN APTS REGINA SASK	M SC 1
HOGG DOUGLAS N 2324 CUVILLIER ST MONTREAL 4 QUE	B ENG CH 4 AM 2432
HOGG MARJORIE JANE G 30 EDGEHILL ROAD WESTMOUNT QUE	B A 1 DE 4881
HOICHBERG SYLVIA H MACDONALD COLLEGE 273 ST VIATEUR ST MONTREAL QUE	TCH ELEM 1
HOLDEN JULIA ANNE 2112 TUPPER ST MONTREAL QUE	B A 1 WE 4996
HOLDEN BARBARA JANE 54 ABERDEEN AVE WESTMOUNT QUE	PHYSIOTH 1
HOLDEN JOHN CLEMENT DAWSON COLLEGE 4691 GROSVENOR AVE MONTREAL QUE	B ENG MC 2 EL 4643
HOLDEN JOHN DAVID 4454 BEACONSFIELD AVE N D G MONTREAL QUE	B COM 2 WA 1431
HOLDEN RICHARD B 54 ABERDEEN AVE WESTMOUNT QUE	B A 2 WE 1563
HOLDEN SHIRLEY ANN 4454 BEACONSFIELD AVE N D G MONTREAL QUE	B A 4 WA 1431
HOLDER JAMES SURREY 4626 MARCIL AVE N D G MONTREAL	B C L 1
HOLDER ROGER P S WINDSOR HOTEL MONTREAL QUE 3408 DENT BLVD N W WASHINGTON D C U S A	PARTIAL PL 7181
HOLDWAY CHARLES ED 7424 BIRNAM AVE MONTREAL QUE	B ENG EL 4 CA 9655
HOLL MANFRED M 633 UNDERHILL PL MONTREAL QUE	B SC 4 HA 9653
HOLLAND DAVID H 1441 DRUMMOND ST MONTREAL QUE 40 WEST 67TH ST NEW YORK 23 N Y U S A	B A 4 MA 4171
HOLLAND FRANCES F E 1644 SELKIRK AVE MONTREAL 25 QUE	B A 3 FI 2667
HOLLAND JUNE M MACDONALD COLLEGE BOX 328 BEDFORD QUE	TCH INT 1
HOLLETT BEULAH ROYAL VICTORIA COLLEGE ARNOLD S COVE NFLD	B A 4
HOLLETT CHARLOTTE 1374 SHERBROOKE ST W APT 3 MONTREAL QUE 84 PEPPERELL ST HALIFAX N S	PARTIAL LA 1021
HOLLINGER ARNOLD L 5000 CLANRANALD AVE N D G MONTREAL 29 QUE	B COM 2 EL 2300
HOLLINGER HARVEY ZACHARY 7950 QUERBES AVE MONTREAL 15 QUE	MD CM 2 CA 3725
HOLMAN ROGER MARK WILSON HALL CAIXA POSTAL 571 RIO DE JANEIRO	B L S 1
HOLMES DIANE E 1280 LAIRD BLVD MONTREAL 16 QUE	B A 2 AT 6143
HOLMES GEORGE M 3474 COTE DES NEIGES RD MONTREAL QUE BOX 284 HAMILTON BERMUDA	B COM 2 WI 0765
HOLMES JEAN MERILYN 3474 COTE DES NEIGES RD MONTREAL QUE P O BOX 284 HAMILTON BERMUDA	B A 2 WI 0765
HOLMES KENNETH WILSON 45 OXFORD ST VILLE ST LAURENT QUE	B A 4 BY 4806
HOLMES RUPERT A DAWSON COLLEGE 638 LINDSAY ST DRUMMONDVILLE QUE	B ENG CH 2
HOLMES STANLEY W 26 BROCK AVE SOUTH MONTREAL WEST QUE	M SC 1 EL 2515
HOLSTEIN RATHLOU EMILE C PETERSON RESIDENCES	D D S 3
HOLZMAN SEYMOUR 363 FAIRMOUNT AVE W MONTREAL QUE	B COM 4 VI 2171

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HONE DAVID WILLIAM 3536 ADDINGTON AVE N D G MONTREAL QUE BOX 222 RIDGETOWN ONT	PH D 5 DE 3149
HOOD WILLIAM CRAIGIE DAWSON COLLEGE BOX 268 BOURLAMAQUE QUE	B SC 1
HONIGMAN SAUL 3720 COTE ST CATHERINE R APT 19 MONTREAL QUE	MUS B 3 EX 4385
HOOD CATHARINE A 52 CURZON ST MONTREAL WEST QUE	B A 4 DE 7758
HOOK NATALIE S MACDONALD COLLEGE BROCKVILLE ONT	B SC H E 2
HOOD GORDON JAMES 3512 WALKLEY AVE MONTREAL QUE	B ENG ME 2 EL 9539
HOOD JEAN ELIZABETH 184 BROCK ST WINNIPEG MAN	B N 1
HOOD WALTER H 1 ROY AVE DORVAL QUE	B ENG MI 4
HOOPER GEORGE DAVID DOUGLAS HALL 194 LANSDOWNE ROAD OTTAWA ONTARIO	MD CM 4
HOPE ROBERT ALEXANDER 444 CLARKE AVE MONTREAL QUE	B C L 1 WE 5390
HOPE THOMAS DIGBY 3628 LORNE CRESCENT APT 4 MONTREAL QUE	D D S 1
HOPGOOD DOUGLAS A 1814 DORCHESTER ST W MONTREAL QUE 2375 WEST 21ST AVE VANCOUVER B C	D D S 2
HOPKINS GEORGE L DAWSON COLLEGE QUE 3439 VICTORIA AVE REGINA SASK	B ENG EL 2
HOPKINS GERALD ALFRED 2050 DECARIE BLVD N D G MONTREAL QUE	B A 4 WA 2652
HOPKINS HARRY WALTER PETERSON RESIDENCE 28 WOLFE ST SHERBROOKE QUE	B ENG CI 3
HOPKINS MARJORIE GRACE 64 BROADVIEW AVE VALOIS QUE	B SC 2
HOPKIRK JAMES FRANCIS ROYAL VICTORIA HOSPITAL 7410 DE CARPIGHET AVE TOWN OF MOUNT ROYAL QUE	MED DIPL 5 PL 1251
HOPPER EDWARD PETER 339 OLIVIER AVE MONTREAL QUE 124 CAROLINE AVE OTTAWA ONT	B COM 1 WE 4840
HOPPER WILLIAM D MACDONALD COLLEGE 124 CAROLINE AVE OTTAWA ONT	B SC AGR 4
HOPS HERBERT 4297 ESPLANADE AVE MONTREAL QUE	B SC 4 MA 5928
HOPWOOD DOROTHY K MACDONALD COLLEGE BENGAL RIO BUENO JAMAICA	HOMEMAKE 1
HOPWOOD GRACE N MACDONALD COLLEGE 1 CECELIA AVE HF WAY TREE JAMAICA BWI	HOMEMAKE 1
HORISAKI KENJI JOSEPH 6533 18TH AVE ROSEMOINT MONTREAL QUE	B COM 1 VI 6188
HORLICK LOUIS ROYAL VICTORIA HOSPITAL 3839 ARCADE ST MONTREAL QUE	MED DIPL 4 PL 1251
HORN IRVING H 828 STUART AVE OUTREMONT QUE	B SC 3 DO 2545
HORN SHEILA RUTH 1838 LAJOIE AVE OUTREMONT QUE	B SC 1 EX 5263
HORNE IAN L S MACDONALD COLLEGE CROWDOWN GRITTLETON CHIPPENHAM WILTS ENGLAND	B SC AGR 1
HORNE MARY ISABEL 8 PARKSIDE PLACE MONTREAL 25 QUE	B A 1 WI 8985
HORNE STUART R MACDONALD COLLEGE HEATHCOTE OTLEY RD ELDWICK BINGLEY YKS ENG	B SC AGR 2
HORNER DOUGLAS HUGH 4524 CAVENDISH AVE N D G MONTREAL QUE SHAWVILLE QUE	B SC 4 DE 3463
HORNER FRANK H 3660 PARK AVE MONTREAL QUE	B COM 4 LA 7757
HOROWITZ MYER 4148 LAVAL AVE MONTREAL QUE	B COM 1 HA 7545
HORSBURGH CAROL WILLENE 308 MORRISON AVE MOUNT ROYAL QUE	PARTIAL
HORSBURGH KEITH W DAWSON COLLEGE QUE 308 MORISSON AVE TOWN OF MOUNT ROYAL QUE	B ENG 1
HORSEY MARY E 3460 WEST BROADWAY AVE N D G MONTREAL QUE	MUS QUAL 1 EL 5044
HORTON BEVERLEY L 6118 TERREBONNE AVE N D G MONTREAL QUE	B A 3 EL 1893
HORTON ERIC SPENCER DAWSON COLLEGE 8 WAVERLEY ROAD POINTE CLAIRE QUE	B ENG CI 2
HORTON PAUL EDWARD 6118 TERREBONNE AVE N D G MONTREAL QUE	B A 4 EL 1893
HOSEIN ESAU ABBAS 3437 HUTCHISON AVE MONTREAL 18 QUE 21 COTTON HILL ST CLAIR P OF SPAIN TRINDAD B W I	M SC 1 BE 1343
HOSKING MARGARET A MACDONALD COLLEGE MCWATTERS MINE MCWATTERS QUE	TCH INT 1
HOSPADARVK VLADIMIR CHEMISTRY BLDG 294 34TH AVE LACHINE QUE	PH D 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HOTTON CYRIL A 413 ARGYLE AVE MTL BELLE ANSE GASPE QUE	B A 2 WI 0817
HOTTON VIVIAN M MACDONALD COLLEGE GRANDE GREVE GASPE QUE	TCH ELEM 1
HOUGH CURLEY E 204 COTE ST ANTOINE ROAD MONTREAL QUE FARMINGTON CONN U S A	B S W 2 DE 3975
HOUGHTON KATHLEEN J MC ROYAL VICTORIA COLLEGE 12 PARK ROAD ROCKCLIFFE PL OTTAWA ONT	B SC 1
HOUGHTON RUSSEL E DAWSON COLLEGE QUE 7337 BOYER ST MONTREAL QUE	B ENG CH 2 CR 1049
HOUNSELL MONA JEAN ROYAL VICTORIA COLLEGE 18 ERIC ST ST JOHN S NFLD	B A 1
HOUSDEN JENNIFER ANN 3018 TRAFALGAR AVE MONTREAL QUE 13 HOOK HILL SANDERSTEAD SURREY ENG	B A 1
HOUSEFATHER DAVID 5741 PLANTAGENET AVE MONTREAL QUE	B A 1 AT 3974
HOUSTON GEORGE BARCLAY 369 GROSVENOR AVE WESTMOUNT QUE	B C L 2 EL 5873
HOUSTON HELEN DIANE 10914 122ND ST EDMONTON ALBERTA	B SC P E 2
HOUSTON WILLIAM F H 2210 DORCHESTER W APT 7 MONTREAL QUE	MUS QUAL 1 WE 5624
HOWARD CLAUDE EDGERTON 80 DECELLES AVE APT 11 VILLE ST LAURENT QUE	B ENG CI 4 BY 4229
HOWARD DONALD E P 3637 UNIVERSITY ST MONTREAL QUE KILORAN COLONSAY SCOTLAND	B SC 4 MA 1736
HOWARD GWENNA MARY 28 SUMMIT CRESCENT WESTMOUNT QUE	B A 1 EL 3112
HOWARD WALTER JOHN F DOUGLAS HALL 112 KNOLLYS ROAD LONDON S W 16 ENGLAND	B A 2
HOWARTH JOHN STUART DOUGLAS HALL QUE 61 HILLHOLM RD TORONTO ONT	B A 1
HOWE HERVEY LORNE 1514 CRESCENT ST MONTREAL QUE 2246 BELLEFEUILLE ST THREE RIVERS QUE	B ENG EL 4 MA 7457
HOWE JOHN P DAWSON COLLEGE 202 ALFRED ST PEMBROKE ONT	B ENG 1
HOWE JOHN R B 4073 HAMPTON AVE MONTREAL QUE	B A 3 DE 5652
HOWELL GORDON P 6612 CHRISTOPHE COLOMB MONTREAL QUE 132 SECOND AVE E OWEN SOUND ONT	MUS QUAL 1 CR 0618
HOWEY JAMES ROBERT DOUGLAS HALL 333 KING GEORGE TERRACE VICTORIA B C	MD CM 3
HOWLES JOAN G 24 CIRCLE RD LAKESIDE HEIGHTS QUE	MUS B 1
HOWLETT PETER C 79 SENNEVILLE ROAD SENNEVILLE QUE	B SC AGR 1
HOY NORMAN ADAMS BRAINARDSVILLE NEW YORK U S A	M ENG 1
HOYT RUTH 2022 UNION AVE MONTREAL QUE 14 HAWTHORNE AVE MEXERUEN MASS U S A	PH D 1
HRISKEVICH WILLIAM 3541 LORNE AVE MTL QUE 118 SIXTH STREET NORANDA QUE	PARTIAL
HSIAO KUANG HAO 63 MACDONALD AVE ST LAURENT QUE	PARTIAL BY 3198
HUBEL DAVID HUNTER 15 GRANVILLE RD HAMPSTEAD QUE	MD CM 3 DE 9425
HUBERMAN RAE 1235 LAJOIS AVE OUTREMONT QUE	B SC 1 TA 4118
HUBLEY GORDON ERIK 4902 GROSVENOR AVE MONTREAL QUE	B SC 4 DE 7847
HUBSCHER FRANK F 5245 COTE ST LUC RD APT 23 N D G MONTREAL 751 WALTON AVENUE NEW YORK CITY U S A	B C L 2 DE 7277
HUCKELL JOHN RICHMOND UNITED THEOLOGICAL COLL 11025 SASK DRIVE EDMONTON ALBERTA	MD CM 2
HUELS ILGE B MACDONALD COLLEGE 214 DINNICK CRES TORONTO ONT	B SC H E 1
HUGGARD JEAN E 3460 STE FAMILLE ST MONTREAL QUE NORTON N B	M S W 3 MA 7214
HUGHES ALAN W 4970 QUEEN MARY ROAD APT 1 MONTREAL QUE	B ENG 1 EX 2116
HUGHES FRANK THOMAS LEO 104 BLENHEIM PLACE MONTREAL QUE	B A 4 WE 6435
HUGHES JOHN K C O 3561 BEAUBIEN ST E MONTREAL QUE 49 TEIGNMOUTH AVE TORONTO 10 ONT	B ENG EL 3
HUGHES KENNETH R 93 8TH AVE ST EUST SUR LE LAC QUE	B COM 4
HUGICK STANLEY J DAWSON COLLEGE RICHFIELD SPRINGS RFD 1 NEW YORK N Y	B SC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HULLAR FRANCIS J 350 COLERIDGE AVE SYRACUSE 4 N Y U S A	B A 1
HUM VICTOR CHECK FOO 4451 CLARK ST MONTREAL QUE	B SC 3 PL 5551
HUMCHACK JOHN 6979 MARQUETTE ST MONTREAL QUE	B A 3 CR 7635
HUMMEL ROBERT W PETERSON RESIDENCE 25TH AVE LACHINE QUE	B SC 4
HUMPHREYS ALFRED CHARLES 3581 DUROCHER ST MONTREAL QUE HAILEYBURY ONT	D D S 2 HA 7778
HUNGATE JOHN C 378 ELM AVE WESTMOUNT QUE	B ENG EL 3 WE 5954
HUNT GORDON GEORGE DAWSON COLLEGE QUE SAWYERVILLE QUE	B ENG CI 2
HUNT GRANT CAMERON DAWSON COLLEGE 5178 COTE ST ANTOINE RD MONTREAL QUE	B ENG 1
HUNT JOHN WALTER EDMUND PETERSON RESIDENCES 805 LINDEN AVE VICTORIA B C	MD CM 3 LA 2457
HUNT TREVOR MORGAN DAWSON COLLEGE 1280 OAK AVE SILLERY QUE	B ENG 1
HUNTEN DONALD M 3536 ADDINGTON AVE MONTREAL 28 QUE 253 HURON ST LONDON ONT	PH D 4 DE 3149
HUNTER CATHERINE ROSE ROYAL VICTORIA COLLEGE STREETSVILLE R R 1 ONTARIO	B SC P E 1
HUNTER CONRADO E CHILEAN CONSULATE MONTREAL QUE MINISTERIO DE RELACIONES SANTIAGO CHILE	B SC AGR 3
HUNTER GEORGE HOWARD 4668 UPPER ROSLYN AVE MONTREAL QUE	B SC 3
HUNTER RICHARD J 2047 STANLEY ST APT 37 MONTREAL QUE 62 WARRENTON ST BOSTON MASS U S A	B ARCH 5
HUNTER ROBERT THOMAS 3592 UNIVERSITY ST MONTREAL QUE 502 BLVD DU HAVRE VALLEYFIELD QUE	B COM 2 PL 2435
HUNTER ROBIN C A DOUGLAS HALL ROYAL BANK OF CANADA MCGILL COLLEGE AVE MTL	MD CM 4 BE 7205
HUNTON VERA DOBY 538 PRINCE ARTHUR AVE MONTREAL QUE 705 FLORIDA AVE N E WASHINGTON D C U S A	PH D 1 PL 6039
HUNTTING GERALD E 3637 UNIVERSITY ST MONTREAL QUE 2739 DEAN BLVD MINNEAPOLIS MINN U S A	B A 3 MA 1736
HURLBUT MONICA BESSIE 87 ARLINGTON AVE WESTMOUNT QUE HEART S DELIGHT FARM CHAZY NEW YORK U S A	B A 4 WA 1630
HURLEY HORACE WESLEY 3421 DRUMMOND ST MTL 20 CLENT ROAD GREAT NECK N Y U S A	MD CM 1 LA0950
HURST NORMAN 4090 ROYAL AVE MONTREAL 28 QUE	M A 1 WA 1156
HUSK RUTH B MACDONALD COLLEGE MELBOURNE QUE	TCH ELEM 1
HUSOLD HENRY 1040 MACKAY ST MONTREAL QUE	B SC 3 HA 6624
HUTCHINSON BARBARA Y ROYAL VICTORIA COLLEGE SAVANNA LA MAR JAMAICA B W I	B SC 2
HUTCHINSON JILL REAY ROYAL VICTORIA COLLEGE 2 PHILLIMORE COURT LONDON W 8 ENGLAND	B A 1
HUTCHISON ALAN G 40 ANWORTH RD WESTMOUNT QUE	B COM 1 WE 4153
HUTCHISON AUBREY W MACDONALD COLLEGE 271 WOODSTOCK RD FREDERICTON N B	B SC AGR 4
HUTCHISON ELEANOR A 240 KENSINGTON AVE WESTMOUNT QUE	B A 1 FI 7770
HUTCHISON IAN EDMUND 764 UPPER LANSDOWNE WESTMOUNT QUE	B A 4 EL 1807
HUTCHISON JAMES LAWRENCE 40 ANWOTH RD WESTMOUNT QUE	MD CM 1 WE 4153
HUTCHISON JOSEPH 811 DU CONVENT MONTREAL QUE	B L S 1 WE 3397
HUTCHISON LORNA CARMEN 223 METCALFE AVE WESTMOUNT QUE	B A 1 WI 7279
HUTCHISON WILLMAN DAVID 5500 VICTORIA AVE APT 11 MONTREAL QUE 15 LONDON ST SHERBROOKE QUE	B ENG CI 3
HUTSON ROOSEVELT L 3532 LORNE AVE MONTREAL QUE HOLETOWN ST JAMES BARBADOS B W I	B A 4 BE 6048
HUTTON FREDERICK ARTHUR 3155 TREMBLAY ST MONTREAL QUE RFD 1 TERRILL RD PLAINFIELD N J U S A	B SC 3 EX 3482
HUYCKE OTTILIE ROSE M ROYAL VICTORIA COLLEGE 67 GLEN RD TORONTO ONT	B SC P E 1
HYAMS BRAHM BALLON 467 MT STEPHEN AVE WESTMOUNT QUE	B SC 2 WA 3855
HYAMS RUTH B 467 MT STEPHEN AVE WESTMOUNT QUE	B A 3 WA 3855

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HYATT CHARLES ROBERT DAWSON COLLEGE 726 BAYVIEW AVE TORONTO 17 ONT	B ENG 1
HYATT MURRAY PAUL 4538 DRAPER AVE N D G MONTREAL QUE	B A 2 EL 8977
HYDE ERIC JOHN W 2060 PATRICIA AVE N D G MONTREAL QUE	B ENG MC 3 WA 9895
HYDE WILLIAM FARRELL 736 UPPER BELMONT AVE WESTMOUNT QUE	A & S CO 1 EL 9234
HYNDMAN AUSTIN STUART 3865 DRAPER AVE N D G MONTREAL	B C L 1 DE 8263
HYNDMAN WILLIAM WESLEY B 635 10TH AVE LACHINE QUE	MD CM 2

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IBBOTSON MARY E MACDONALD COLLEGE 13 ST GEORGE S PLACE WESTMOUNT QUE	HOMEMAKE 1
IBSON RUSSELL A 1478 MOUNTAIN ST APT 7 MONTREAL 25 QUE	B ENG CH 4 BE 5483
IDE ALAN G MACDONALD COLLEGE 2331 BEACONSFIELD AVE MONTREAL 28 QUE	B SC AGR 3 DE 3274
ILLAS JOSEPH ANGELO DAWSON COLLEGE 712 DAMAS ST HAVANA CUBA	B SC 1
ILOTT GEORGE WILLIAM 47 15TH AVENUE PLAGE LAVAL QUE 5320 BOURRET AVE N D G MONTREAL QUE	B ENG EL 4
IMBAULT PAUL E GEOLOGICAL SURVEY BRANCH DEPT OF MINES QUEBEC QUE	PH D 4
IMBLEAU PIERRETTE 101 DUNRAE AVE TOWN OF MOUNT ROYAL QUE	PARTIAL AT 4046
IMBLEAU YVONNE HELEN 2171 ADDINGTON AVE N D G MONTREAL QUE 2106 MORRIS AVENUE UNION N J U S A	MD CM 2 DE 1837
IMRIE DONALD B 550 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B ENG CH 4 AT 9188
INDER HARRY ALBERT 1774 CEDAR AVE MONTREAL QUE	MD CM 3 FI 0651
ING JEAN MACDONALD COLLEGE P O BOX 97 MORRISBURG ONT	B SC H E 1
INGLESON GORDON A DAWSON COLLEGE QUE 4505 PRINCE OF WALES N D G MONTREAL QUE	B ENG 1 WA 2866
INGLIS JOHN PATERSON 262 LAURIER ST ST JOHNS QUE	B ENG ME 4
INGLIS NANCY CAROLYN 3488 COTE DES NEIGES RD APT 12 MONTREAL QUE	B SC 3 WE 4072
INGRAM EARLE L 1730 DORCHESTER ST W APT 28 MONTREAL QUE 56 VICTORIA ST OTTAWA ONT	B ARCH 3 WE 8357
INKAPOOL RAGNAR 1460 FORT ST MONTREAL QUE 16 FREDRIKSLUNDOR STOCKHOLM SWEDEN	B COM 2
INKSTER DAVID DAWSON COLLEGE QUE 24 MILLAR AVE GREENFIELD PARK QUE	B ENG EL 2
INNISS ROBERT PETER K DAWSON COLLEGE 638 DUNDONALD ST PORT OF SPAIN TRINIDAD	B ENG MC 2
INSKY JUDITH BETTY 5003 JEAN BRILLANT AVE MONTREAL QUE	B A 2 AT 9547
INSKY MIRIAM LEBA 5003 JEAN BRILLANT AVE MONTREAL QUE	B A 4 AT 9547
IOANNOU PAUL PRESBYTERIAN COLLEGE IPPOKRATOUS 9 ATHENS GREECE ★	B A 1
IRVING GEORGE M 407 NOTRE DAME ST ST PAUL L ERMITE QUE SOUTH BROOKFIELD QUEENS CO N S	B ENG CH 4
IRVING HAROLD A 3434 MCTAVISH ST MONTREAL QUE 3025 ELBOW DRIVE CALGARY ALTA	B A 3 PL 4492
IRWIN CHARLOTTE A 264 ARGYLE AVE VERDUN QUE	B SC 4 YO 2371
IRWIN ELIZABETH D 264 ARGYLE AVE VERDUN QUE	M SC 1 YO 2371
IRWIN GORDON FREDERICK DOUGLAS HALL 1154 BISHOP ST HONOLULU T H	MD CM 2
IRWIN ISOBEL MAUD 78 SOMERVILLE AVE WESTMOUNT QUE MELBOURNE QUE	B SC P E 3 DE 6133
IRWIN LORNE C 7926 BIRNAM AVE MONTREAL 15 QUE NAVAN ONT ★	B SC 4
ISA RICHARD DAWSON COLLEGE P O BOX 84 CURAQAO N W I	B ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ISENBERG EDWARD MACDONALD COLLEGE 5386 HUTCHISON ST OUTREMONT QUE	B SC AGR 2
ISOMURA SOICHI 1618 ST LUKE ST MONTREAL QUE	B SC 3 WE 4063
ISRAELOVITCH MYRNA 4662 ST URBAIN ST MONTREAL QUE	B SC 4 LA 9844
ISSENMAN PETER 595 BLOOMFIELD AVE APT 4 OUTREMONT QUE	B ENG AM 2 CA 7335
IVERSEN JAMES ERIC 3380 RIDGEWOOD AVE MONTREAL QUE	M A 1 EX 5825
IVEY ALBERT HENRY 1935 TUPPER ST APT 2 MONTREAL QUE	B COM 4 FI 2124
IZZARD ANITA FRANCES 2069 PATRICIA AVE MONTREAL QUE	B SC 2 DE 0360
IZZARD SHIRLEY RUTH 217 STRATHEARN AVE MONTREAL WEST QUE	B A 4 DE 0347

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JACK EILEEN L MACDONALD COLLEGE 5 BELMONT ROAD CROSS RDS JAMAICA B W I	B SC H E 1
JACK NANCY M MACDONALD COLLEGE VANKLEEK HILL ONT	B SC H E 4
JACKALIN ERIC THEODORE 5193 BYRON AVE MONTREAL QUE	B ENG MC 4 EL 1334
JACKIN PETER MICHAEL 3545 PARK AVENUE MONTREAL QUE 588 CHURCH AVE WPG MANITOBA	D D S 3 PL 3698
JACKMAN MARTHA S MACDONALD COLLEGE 144 LYMAN AVE GRANBY QUE	B SC H E 1
JACKSON BARBARA ESME 1515 CHOMEDEY ST APT 4 MONTREAL QUE	H SCH DI 5 WI 5370
JACKSON GARTH D THEOLOGICAL UNITED COLLE 9 HATLEY ST MAGOG QUE	B SC 4
JACKSON JAY MERVIN 2064 UNION AVE APT 5 MONTREAL QUE	M A 1 BE 3202
JACKSON LEO STERLING DAWSON COLLEGE 247 OUTREMONT AVE OUTREMONT QUE	B ENG 1
JACKSON LAWRENCE D A DAWSON COLLEGE 18 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE	B ENG 1
JACKSON RAY WELDON 28 WALKER AVE TORONTO ONT	PH D 4
JACKSON ROBERT 3603 WESTMOUNT BLVD WESTMOUNT QUE	MD CM 4 WI 0147
JACKSON RUBY GLADYS 2031 CITY COUNCILLORS MONTREAL QUE 54 HIGH STREET MONSON MASS U S A	MD CM 4 HA 5851
JACKSON STANLEY WEBBER 3590 UNIVERSITY ST MONTREAL QUE	MD CM 4 BE 5524
JACKSON THOMAS D 3500 HUTCHISON ST MONTREAL QUE 18 BEACHVIEW CRES TORONTO ONT	M S W 1 HA 7548
JACOBS ROSS D B 573 FORTUNE ST MONTREAL QUE	GRAD QUA 1 WI 4937
JACOBS ZELDA 4326 SHERBROOKE ST W APT 36 MONTREAL QUE	B A 4 WI 0682
JACOBSON JACOB M 5152 JEANNE MANCE ST MONTREAL QUE	GRAD QUA 1 DO 2653
JACOBY ARTHUR W 1441 DRUMMOND ST MONTREAL QUE 4 61 LYNCREST AVE FAIR LAWN N J U S A	M SC 1 MA 4171
JADERHOLM HENRIK W 5257 QUEEN MARY RD MONTREAL QUE	PARTIAL EL 2460
JAMER MARY ANN MACDONALD COLLEGE BUCKINGHAM QUE	TCH ELEM 1
JAMES CLARENCE E 4538 ST ANTOINE ST MONTREAL QUE POND HILL PEMBROKE E BERMUDA	B A 2 WE 4667
JAMES HOWARD MONTEITH 1042 VALIQUETTE AVE VERDUN QUE	B ENG MC 3 TR 9397
JAMIESON ELEANOR W 1596 PINE AVE WEST MONTREAL QUE BOX 82 SYLVAN LAKE ALBERTA	GR N CER 1 WE 1896
JAMIESON LAINE GORDON ★ 5010 MACDONALD AVE APT 32 MONTREAL QUE 23 DUFFERIN ST CAMPBELLTON N B	B ENG MC 4 DE 9608
JAMIESON SHEILA P 483 STRATHCONA AVE WESTMOUNT QUE	GR N CER 1 DE 3089
JAMISON GORDON CAMPBELL 3445 PEEL ST MONTREAL QUE 34 THOMAS ST LACHUTE QUE	B COM 2 HA 9462

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JAMSHEDJI JIMMY S 3511 UNIVERSITY ST MONTREAL QUE C O BOMBAY HSE BRUCE ST FORT BOMBAY INDIA	B ENG EL 3
JARDINE JAMES DAVID 2023 JEANNE MANCE ST MONTREAL QUE 47 PERRY ST SHERBROOKE QUE	B ENG CI 4 HA 7653
JARDINE JAMES L 5 1ST AVE PLAGE LAVAL QUE	B COM 4
JARDINE WILLIAM G DOUGLAS HALL 38 WHITE ST DOWANHILL GLASGOW W 1 SCOTLAND	M SC 1
JARJOUR EDWARD GORDON 1511A CRESCENT ST MONTREAL QUE 396 WATERLOO ST WINNIPEG MANITOBA	D D S 2 BE 9324
JARRON ROBERT CAMERON DAWSON COLLEGE 3560 VERDUN AVE VERDUN QUE	B ENG CH 2 TR 8658
JARVIS ADERY ANN I 3051 CEDAR AVE MONTREAL QUE EAST LAWN ST CLAIRSVILLE OHIO U S A	B A 1 FI 0895
JARVIS SUSAN MACDONALD COLLEGE 525 KENWOOD AVE OTTAWA ONT	B SC H E 1
JASON HILLIARD KALMAN DAWSON COLLEGE 781 ROCKLAND AVE OUTREMONT QUE	B SC 1
JASON MARVIN WILLIAM DAWSON COLLEGE 5224 JEANNE MANCE ST, MONTREAL QUE	B ENG MC 2 CA 9798
JAVET ERNEST AUGUSTE 1405 BELANGER ST MONTREAL QUE	B A 4 DO 8856
JAVID MANSOUR 3474 ADDINGTON AVE N D G MONTREAL QUE 17 PALACE GDNS TERRACE LONDON W 8 ENGLAND	M ENG 1 DE 9696
JEANNOTTE ROBERT G 6722 2ND AVE ROSEMOUNT MONTREAL QUE	B COM 4 DO 5771
JEANS PAUL FRANCIS G H DAWSON COLLEGE LYNWICK FARM RUDYWICK SUSSEX ENGLAND	B ENG 1
JENKINS KENNETH J W MACDONALD COLLEGE 5710 11TH AVE ROSEMOUNT MONTREAL QUE	B SC AGR 3
JENKINS LEONARD CECIL DOUGLAS HALL 1045 W 10 AVE VANCOUVER B C	MD CM 2
★	
JENNINGS PETER ROWNEY 10 TRAFALAGAR PLACE MONTREAL QUE	B A 3
JENNINGS WILLIAM BRUCE 1340 REGENT ROAD TOWN OF MOUNT ROYAL QUE	B ENG MC 4 EX 5292
JENSEN LLEWELLYN WHITE 2807A ROSEMOUNT BLVD RSMT MONTREAL 36 QUE	B SC 4 TA 6751

NAME ADDRESS	COURSE & YEAR TEL. NO.
JENSEN THORMO 56 GUILBAULT AVE MONTREAL QUE NAICAM SASK	D D S 2
JEPHCOTT BARBARA M MACDONALD COLLEGE CAMERON AVE HUDSON QUE	B SC H E 2
JESS ROBERT EDMOND RIDGECREST R D 2 BEDFORD QUE	B ENG MC 4
JESSOP ALBERT F 822 DOLLARD AVE OUTREMONT QUE EDMUNDSTON N B	B ENG MC 3
JETTE LOUIS BRUNO DAWSON COLLEGE LA PATRIE CO COMPTON QUE	B ENG EL 2
JEWETT CATHARINE J 3661 UNIVERSITY ST MONTREAL QUE THE ROXBOROUGH OTTAWA ONT	GR N CER 1 MA 9680
★	
JOHN DON W PETERSON RESIDENCES 25TH AVE LACHINE QUE	MD CM 2
JOHN DOROTHY E J ROYAL VICTORIA COLLEGE 7 LANGBOURNE AVE HIGHGATE LONDON N 6 ENGL	B A 3
JOHNS FRANCIS A 7519 DE GASPE ST MONTREAL QUE	B ENG EL 4 CR 0477
JOHNSON ANN FRANCES 21 WINDSOR AVE WESTMOUNT QUE	B A 4 DE 1877
JOHNSON CHARLES ANTHONY 2467 BENNY AVE N D G MONTREAL QUE DUNKIRK HASTINGS BARBADOS B W I	B SC 3 WA 4882
JOHNSON CLAIRE EVELEIGH 730 LEXINGTON AVE WESTMOUNT QUE	B SC P E 4 EL 4913
JOHNSON DAVID M DAWSON COLLEGE 440 MT STEPHEN AVE WESTMOUNT QUE	B ENG 1
JOHNSON DENIS BERNARD 2180 SOUVENIR AVE APT 14 MONTREAL 14 QUE	B COM 2 FI 3405
JOHNSON FREDERICK A 4581 KENSINGTON AVE N D G MONTREAL QUE 200 YALE AVE WINNIPEG MAN	PH D 3 DE 7918
JOHNSON JACQUELINE K ROYAL VICTORIA COLLEGE 339 N CHRISTINA ST SARNIA ONT	B SC 2
JOHNSON JOYCE P MACDONALD COLLEGE 72 DOBIE AVE TOWN OF MOUNT ROYAL QUE	TCH INT 1
JOHNSON LLOYD C 1608 SELKIRK AVE MONTREAL QUE 98 TERRACE ST NEW GLASGOW N S	B ENG MI 4 WI 7745
JOHNSON MARION 4643 SHERBROOKE ST W WESTMOUNT QUE	B A 2 DE 0724
JOHNSON MAUREEN E MACDONALD COLLEGE ELLANGOWAN ST JOSEPH BARBADOS B W I	B SC H E 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JOHNSON PHYLLIS BELL 3585 HUTCHISON ST MONTREAL QUE COWANSVILLE QUE	B A 4 HA 5321
JOHNSON ROBERT B P O BOX 174 PL VIEW AVE GREENVILLE R I U S A	B ENG CH 3
JOHNSON WILLARD JESSE 5175 COTE ST LUC RD N D G MONTREAL QUE	PH D 1 DE 2145
JOHNSTON ALBERT CHARLES 4286 WESTERN AVE MTL 377 MILTON ST NANAIMO B C	MD CM 1
JOHNSTON ALFRED JAMES M 5174 COTE DES NEIGES RD APT 22 MONTREAL QUE	MD CM 2
JOHNSTON BEVERLY M C ROYAL VICTORIA COLLEGE 7438 WISEMAN AVE MONTREAL QUE	B A 4
JOHNSTON CLAIRE M 77 UNION BLVD ST LAMBERT QUE	M A 2
JOHNSTON CONSTANCE ANNE 5174 COTE DES NEIGES RD MONTREAL QUE	PARTIAL
JOHNSTON DAVID IAN DAWSON COLLEGE ST JOHNS QUE	B SC 2
JOHNSTON DAVID W MACDONALD COLLEGE BOX 227 NORTH SYDNEY N S	B SC AGR 4
JOHNSTONE EMERSON G PETERSON RESIDENCE 1032 CENTRAL AVE ALBANY N Y U S A	B S W 1
JOHNSTON EVERETT HERD 3805 DUPUIS AVENUE MONTREAL QUE WHITE ROCK HILLTOP BRITISH COLUMBIA	MD CM 1
JOHNSTON GEORGE F DAWSON COLLEGE QUE 806 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ENG EL 2
JONES HELEN INGRID ROYAL VICTORIA COLLEGE BURBURY FARMS CHARLOTTETOWN P E I	B A 2
JOHNSTON FRANCES LOUISE ROYAL VICTORIA COLLEGE WINDSOR ONT	B SC 2
JOHNSTON GORDON M 754 LANSDOWNE AVE WESTMOUNT QUE	D D S 2 EL 4515
JOHNSTON HENRY S 1730 DORCHESTER ST W APT 4 MONTREAL QUE	B ENG CH 3
JOHNSTON JOAN E MACDONALD COLLEGE KINGSBURY QUE	TCH ELEM 1
JOHNSTON JOHN JAMES 3621 LORNE CRESCENT MONTREAL QUE ALBERT ST SUSSEX N B	MD CM 3 LA 8013
JOHNSTON JOYCE I MACDONALD COLLEGE KINGSBURY QUE	TCH ELEM 1
JOHNSTON MELVILLE L 2306 SOUVENIR AVE MONTREAL QUE 200 ELGIN ST APT 2 OTTAWA ONT	B ENG MC 4 WE 0518
JOHNSTON M CARLYLE 806 UPPER LANSDOWNE AVE WESTMOUNT QUE	B A 4 EL 1564
JOHNSTON NORMAN ATHOL 12 WINCHESTER AVE MONTREAL QUE BOX 187 BELLEVILLE ONT	B SC 3 WA 3843
JOHNSTON RICHARD C 4081 DORCHESTER ST W APT 7 WESTMOUNT QUE	B ENG EL 3 YO 7462
JOHNSTON TUDOR WALTER W. DAWSON COLLEGE 4048 GAGE ROAD MONTREAL QUE	B ENG 1
JOHNSTON ORVILLE M MACDONALD COLLEGE 200 ELGIN ST APT 2 OTTAWA ONT	B SC AGR 1
JOHNSTON WILLIAM 345 43RD AVENUE LACHINE QUE	B C L 2
JOHNSTONE ALAN GILMORE DOUGLAS HALL 61 S PARADE WESTON POINT RUNCORN CHESHIRE ENG	B SC 3
JOHNSTONE CAROLINE MARY ROYAL VICTORIA COLLEGE RIVER RD YOUNGSTOWN N Y U S A	B A 2
JOHNSON MAY 5175 COTE ST LUC ROAD N D G MONTREAL QUE	PARTIAL DE 2145
JOLICOEUR GERARD L 4163 ST ANDRE MONTREAL QUE 73 BLACKBURN AVE OTTAWA ONT	B ENG AM 3
JOLIVET VINCENT M DAWSON COLLEGE 1498 3RD ST SHAWINIGAN FALLS QUE	B ENG CI 2
JOLY GEORGE W 5675 BANNANTYNE ST VERDUN QUE	M ENG 1 TR 1688
JONAS DOUGLAS ASHBY 30 NEPTUNE AVE STRATHMORE QUE	B ENG MC 4
JONAS JOHN JOSEPH DAWSON COLLEGE QUE 3449 LAVAL AVE MONTREAL 18 QUE	B ENG 1
JONAS RISTON C 5215 COTE ST CATHERINE R MONTREAL 29 QUE	M A 1 EX 5610
JONES ARNOLD ROBERT 1774 CEDAR AVENUE MONTREAL QUE GRAND FORKS BRITISH COLUMBIA	MD CM 1 FI 0651
JONES ALICE MAY MACDONALD COLLEGE R R 2 MANSONVILLE QUE	TCH ELEM 1
JONES DOUGLAS G DOUGLAS HALL BANCROFT ONT	B A 2
JONES EDITH CUSHING ROYAL VICTORIA COLLEGE 7 PADDOCK STREET SAINT JOHN N B	PHYSIOTH 3
JONES EDWARD PERCIVAL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B COM 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JONES ELOISE ELIZABETH ROYAL VICTORIA COLLEGE 3 GRAFTON RD KINGSTON JAMAICA B W I	B SC 2
JONES EVAN HURLEY 3489 STANLEY ST MONTREAL QUE	D D S 1 HA 6309
JONES FRANCIS BRUCE MACDONALD COLLEGE 1 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC AGR 1
JONES FRANK EDWARD 3508A PARK AVE APT 302 MONTREAL QUE	M A 1
JONES GEORGE MARSHALL 1834 FENDALL AVE CHARLOTTESVILLE VA U S A	B A 1
JONES HELEN INGRID ROYAL VICTORIA COLLEGE BUNBURY FARMS CHARLOTTETOWN P E I	B A 2
JONES HUGH ARTHUR 116 ARLINGTON AVE WESTMOUNT QUE LA TUQUE QUE	B COM 3 EL 9706
JONES JOHN COFIE DAWSON COLLEGE BOX 3 WURUPONG NKONYA KPANDO GOLD COAST BR W A	B SC 1
JONES MARGARET ROSEMARY 646 GROSVENOR AVE WESTMOUNT QUE	B A 4 EL 3563
JONES PETER SEYMOUR MACDONALD COLLEGE BOX 21 PETITCODEAR N B	B SC AGR 3
JONES RAYMOND RICHARDSON DOUGLAS HALL 406 VICTORIA AVE BRONDON MANITOBA	D D S 3
JONES ROBERT A 3609 UNIVERSITY ST MONTREAL QUE FINGAL ONT	PH D 3 LA 6307
JONES ROBERT CODE 4913 WESTERN AVE MONTREAL QUE 801 MANAWAGONISH RD FAIRVILLE N B	MD CM 1 WA 3880
JONES ROBERT EARL 2358 BEACONSFIELD AVE N D G MONTREAL QUE	B ENG CH 4 EL 8316
JONES SELWYN GAULD 452 BOURGEOIS ST MONTREAL 22 QUE	B ENG MC 3 WI 0635
JONES WHITTEY CHARLES G 3625 ST URBAIN ST MONTREAL QUE 344 PRINCE EDWARD DRIVE KINGSWAY PK TORONTO ONT	B ENG EL 3 HA 1375
JONES WILLIAM FRANK M 4532 WILSON AVE N D G MONTREAL QUE	B SC 3 EL 5423
JONES WILLIAM L 660 ARGYLE AVE VERDUN QUE	GRAD QUA 1 TR 7176
JONKLAAS ANNE C ROYAL VICTORIA COLLEGE DEER PARK AVE BABYLON LONG ISLAND N Y	B A 2
JONSSON ASGEIR DAWSON COLLEGE GARDASTRAETI 33 REYKJAVIK ICELAND	B ENG CI 2
JORDAN LAURANCE THEODORE 3445 PEEL ST MONTREAL 2 QUE 5675 ALMA ROAD VANCOUVER B C	MD CM 2 HA 9462
JORDAN ROBERT HENRY DAWSON COLLEGE 2F CENTRAL ROAD HF WAYTREE JAMAICA B W I	B ENG 1
JORGENSEN HALDIS B 52 SUMMIT CIRCLE WESTMOUNT QUE	B A 1
JOSS ROBERT A 5239 PARK AVE APT 1 MONTREAL 8 QUE	B ENG CH 4 CR 8671
JOST HAROLD MORSE MTL GENERAL HOSPITAL 171 WAVERLEY STREET OTTAWA ONTARIO	MED DIPL 1
JOURDAN DAVID BRUCE 2075 LINCOLN AVE MONTREAL QUE 6 BIGELOW AVE SCHENECTEDY N Y U S A	B COM 2 WE 8007
JOY ROBERT CHAMBERLAIN PETERSON RESIDENCES 25TH AVE LACHINE QUE	MD CM 3
JOYCE DONALD VERNER 4060 GREY AVE MONTREAL QUE	B COM 2 DE 0942
JOYCE FRANK 379 ST ROSE BLVD ST ROSE QUE	B SC 4
JOYCE MARGARET ISABEL 3443 MELROSE AVE N D G MONTREAL QUE	B N 2 DE 6978
JUBIEN WILLIAM ERNEST DAWSON COLLEGE 150 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	B ENG 1
JUBY MAXWELL LLOYD DAWSON COLLEGE R R 1 AUSTIN QUE	B SC 2
JUDGE ALICE E B P 3831 ROYAL AVE N D G MONTREAL QUE	B F A 2 DE 9913
JUE AGNES LANA 3573 PARK AVE MONTREAL QUE	PHYSIOTH 2 HA 8036
JULIEN JOSEPH GUY C DAWSON COLLEGE 336 MAIN ST FARNHAM QUE	B ENG 1
JUNEAU CLAUDE DAWSON COLLEGE 1604 PINE AVE W MONTREAL QUE	B ENG MC 2 FI 4985
JUTRAS PIERRE J J MACDONALD COLLEGE 4486 MELROSE AVE N D G MONTREAL QUE	B SC AGR 3

K

KACAREVICH RASHCO 1007 GUY STREET MONTREAL QUE	B A 3 LA 7813

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KACSMAR JAMES JOSEPH 3608 STE FAMILLE MONTREAL QUE ESTERLAZY SASK	MD CM 3 HA 8916
KADER GOOLAM ABDUL 2071 UNION AVE MTL 510 CHURCH ST PIETERMARI NATAL SOUTH AFRICA	B SC 4 MA 0627 G
KAGEY GUY EDISON 3473 UNIVERSITY ST MONTREAL QUE CENTREAL VALLEY NEW YORK U S A	PARTIAL MA 4902
KAHAN I JOSEPH 106 BAGG STREET MONTREAL QUE LIPTON SASK	M S W 1 LA 4862
KAHN AMNON 5803 PLANTAGENET AVE MONTREAL QUE	B SC 2 AT 2061
KAHN ELI 2658 SOISSONS ST MONTREAL 26 QUE	B COM 2 AT 1887
KAHN THOMAS EDWARD J 1452 BISHOP ST APT 9A MONTREAL QUE	B SC 4 BE 1731
KALAN ESTHER J MACDONALD COLLEGE 100 STANLEY AVE VILLE ST PIERRE QUE	TCH INT 1
KALICHMAN NATHAN 3636 DECARIE BLVD APT 17 N D G MONTREAL QUE	B A 4 DE 9900
KALIL JAMES GEORGE DAWSON COLLEGE 634 SYDNEY ST CORNWALL ONT	B ENG CH 2
KALMANASCH BETTY MACDONALD COLLEGE 1190 ST GEORGE ST MONTREAL QUE	M A 2
KALOHERETIS HELEN MACDONALD COLLEGE 1190 ST GEORGE STREET MONTHEAL QUE	TCH ELEM 1
KALTER HAROLD 4611 PARK AVE MONTHEAL QUE 1269 GR CONCOURSE THE BRONX N Y U S A	GRAD QUA 1 HA 5431
KANDESTIN LAWRENCE S 4266 OLD ORCHARD AVE MONTREAL QUE	B C L 3 EL 1559
KANE HUGH THOMAS 481 PRINCE ARTHUR ST W MONTREAL QUE 56 ARTILLERY ST QUEBEC CITY QUE	B ENG EL 4 LA 9489
KANSIKAS KAUKO EMIL 1514 CRESCENT ST MONTREAL QUE 250 ALBERT ST OSHAWA ONT	M ENG MC 4 MA 7457
KANTOR ELEANOR G 671 QUERBES AVE OUTREMONT QUE	B A 2 DO 0697
KAPLAN JOSEPH SAMSON 3617 LORNE CRESCENT MONTREAL QUE 104 GERMAIN ST ST JOHN N B	B C L 2 LA 8013
KAPLANSKY DAVID SOLOMON 4389 CITY HALL AVE MONTREAL QUE	D D S 3 MA 9626
KAPLANSKY GOLDIE 5597 HUTCHISON ST MONTREAL QUE	B A 2 DO 9759
KAPOHOVSKY FLORENCE MACDONALD COLLEGE 5291 ESPLANADE AVE MONTREAL 14 QUE	TCH ELEM 1
KAPPHAHN KENNETH H 1541 ST MARK APT 2 MTL 111 N HARTH AVE MADISON SO DAKOTA U S A	B SC 2
KARALOPOULOS NICHOLAS E 1305 PINE AVE WEST MONTREAL QUE ATHENS GREECE	M A 1 HA 0419
KARKOFSKY BERNARD 5293 ESPLANADE AVE MONTREAL QUE	B COM 4 CR 6903
KARPMAN JACK 4582 CLARK ST MONTREAL QUE	B SC 3 PL 4324
KARREL ISRAEL QUEEN MARY VETERANS HOSP P O BOX 366 ST JOHN N B	MED DIPL 1
KASHKET SHELBY 4831 ST URBAIN ST MONTREAL QUE	B SC 2 HA 8487
KASHTAN SOLLIE 5409 PARK AVE MONTREAL QUE	B ENG PH 4 CR 3661
KASPARDLOV MELVIN 2112 BLEURY ST MONTREAL QUE 2497 CHANDLER RD WINDSOR ONT	B ENG MC 3
KASSNER MAX HERBERT 1205 FORT ST APT 16 MONTREAL QUE CO ROYAL BANK CANADA 360 ST JAMES ST MTL QUE	M SC 2 WI 5885
KASTNER SIDNEY O 3663 JEANNE MANCE ST MONTREAL QUE 4585 DUPUIS AVE APT 9 MONTREAL QUE	B SC 4 LA 2915
KATSUNOFF JOY OLIVE 117 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B S W 2 AT 4456
KATZ LEO 118 DULUTH ST MONTREAL QUE	B ENG EL 4 MA 7450
KATZ MYER 258 VILLENEUVE ST W MONTREAL QUE	B S W 1 LA 7093
KAULBACK BENJAMIN C 1169 MOUNTAIN ST MONTREAL QUE LUNENBURG LUN CO N S	B ENG MC 4 HA 7913
KAUSHANSKY HARRY 5435 WAVERLY ST MONTREAL QUE	B COM 3 CR 0427
KAVANAGH JOSEPH V 16 WINDSOR AVE WESTMOUNT QUE C O CAPT C D HAZARD CAMP BORDEN ONT	B COM 4 WA 9197
KAY CYRIL MAX DOUGLAS HALL 218 5TH AVE EAST CALGARY ALBERTA	B SC 2
KAY FRANK ALBERT PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KAY GEORGE M MACDONALD COLLEGE HAMPTON N B	B SC AGR 2
KAY ROBERT ALAN PETERSON RESIDENCES CHAZY NEW YORK U S A	D D S 2
KAZAN RUDY EDGAR 3681 HUTCHISON ST MONTREAL QUE	B ENG CH 4 MA 7237
KEARNEY ROBERT ALLAN 362 PRINCE ALBERT AVE WESTMOUNT QUE	B SC 3 DE 3750
KEARNS SHEILA KATHLEEN 497 LANSDOWNE AVE WESTMOUNT QUE	B L S 1 EL 3640
KEARNS SIDNEY S DAWSON COLLEGE 6731 30TH AVE ROSEMOUNT MONTREAL QUE	B ENG CI 2
KEATING WILLIAM PIERCE 450 STRATHCONA AVE WESTMOUNT QUE	B C L 2 WA 1004
KEAYS HUGH ROBIN MANN 1455 DRUMMOND ST APT 519 MONTREAL QUE 1012 E SYLVAN AVE WHITEFISH BAY MILWAUKEE WIS U S A	B A 3 HA 6432
KEEFLER ROBERT B 3434 MCTAVISH ST MONTREAL QUE 211 BUENA VISTA RD ROCKCLIFFE OTTAWA ONT	B ENG MC 4 PL 4492
KEELER ROBERT A 680 ROSLYN AVE WESTMOUNT QUE 2033 BEECH STREET WANTAGH L I N Y U S A	B ENG EL 4
KEELER WILLIAM RAYMOND 4545 RIDGEVALE AVE APT 11 MONTREAL QUE	MED DIPL 3
KEEP ROBERT WILLIAM DAWSON COLLEGE 4392 HARVARD AVE N D G MONTREAL 28 QUE	B ENG 1
KEEPING KIMBALL JOHN MACDONALD COLLEGE	M ENG 1
KEEVER EDWARD DUDLEY 3515 UNIVERSITY ST MTL 21 CLOVE ROAD NEW ROCHELLE N Y U S A	MD CM 1
KEHOE JAMES EDWARD 4554 OLD ORCHARD AVE N D G MONTREAL QUE	D D S 4 EL 9793
KELCHER WILLIAM EDMUND 716 CHAPEL ST ST JOHN N B	B SC P E 2
KELEN MADELINE H 3533 PARK AVE MONTREAL QUE	PARTIAL LA 7547
KELIHER THOMAS LAURENCE FIELD HOUSE MOLSON STD MONTREAL 110 DALY AVE OTTAWA ONT	B SC P E 1 PL 3332
KELLEY FRANCES C 4127 WILSON AVE N D G MONTREAL QUE	B A 4 DE 0108
KELLEY FRANCIS JOHN 3462 ST FAMILLE ST MONTREAL QUE 16 WHITNEY AVE SYDNEY N S	MD CM 2 HA 1719
KELLEY ROSEMARY 4127 WILSON AVE N D G MONTREAL	B A 2 DE 0108
KELLIE ROSS FRASER 630 BRAULT AVE VERDUN QUE	B COM 2 TR 5284
KELLY ARTHUR JOHN 490 FOURTH AVE VERDUN QUE	B A 4 YO 6670
KELLY FRANCIS HENRY 4046 GRAND BLVD N D G MONTREAL QUE	B ENG CI 3 EL 4676
KELLY JAMES GORDON 388 SHERBROOKE W MTL 259 BAY STREET OTTAWA ONTARIO	B L S 1 MA 0659
KELLY JEROME JAMES 3465 STANLEY ST MONTREAL QUE	B ENG EL 3 BE 6850
KELLY JOHN JOSEPH 4046 GRAND BLVD N D G MONTREAL QUE	MD CM 1 EL 4676
KELLY JOHN WILLIAM MOTT 3462 ST FAMILLE ST MONTREAL QUE 183 PRICE ST CHICOUTIMI QUE	MD CM 1 HA 1719
KELLY MARION ELIZABETH 79 FINCHLEY ROAD HAMPSTEAD QUE	PHYSIOTH 1 EL 3476
KELLY MAURICE VERNON 53 NORTHVIEW AVE WESTMOUNT QUE	B A 4 WA 6224
KELLY RAYMOND G WILSON HALL 42 INGLEWOOD PLACE OTTAWA ONT	B ENG CH 3
KELLY THOMAS PAUL 2305 BEACONSFIELD AVE N D G MONTREAL QUE	PARTIAL DE 0533
KELLY WILLIAM FRANCIS DAWSON COLLEGE 2336 ROBINSON ST REGINA SASK	B ARCH 1
KEMP CLARKE ROBINSON 1462 GUY STREET APT 5 MONTREAL QUE	B SC P E 4
KEMP EDWARD LEON 4833 LACOMBE AVE MONTREAL QUE	B ENG CH 4 EX 2268
KEMP FORSTER ANDERSON 185 BEDBROOK AVE MONTREAL WEST QUE	A & S CO 1 WA 3809
KEENAN DANIEL 3 MILROY AVE VALOIS QUE 84 KING STREET CHARLOTTETOWN P E	B SC AGR 3
KENNEDY BYRL JAMES M D ROYAL VICTORIA HOSPITAL 853 SO CLEVELAND ST PAUL 5 MINN U S A	M SC 1
KENNEDY CLYDE C 690 SHERBROOKE ST W MONTREAL QUE ROBSON B C	B SC 4 MA 1550
KENNEDY DAVID HOWARD DAWSON COLLEGE 275 SPRINGFIELD RD ROCKCLIFFE OTTAWA ONT	B ENG MC 2
KENNEDY DUNCAN 8 ROSEMOUNT AVE WESTMOUNT QUE	D D S 4 FI 7002

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KENNEDY HAROLD WALLING PETERSON RESIDENCE WATERBURY CENTER VERMONT U S A	D D S 2
KENNEDY JAMES NORMAN 4415 MARIETTE AVE N D G MONTREAL QUE	D D S 4 DE 7003
KENNEDY JOHN S P O BOX 263 CAUGHNAWAGA QUE	B D 3
KENNEDY RICHARD FABIAN 5025 SHERBROOKE W MTL HARBOUR MAIN NEWFOUNDLAND	MD CM 3 EL 5962
KENNEDY RICHARD HARRY 6922 DEMONTMAGNY AVE MONTREAL QUE	B ENG CI 3 TR 4825
KENNEDY DOROTHY SHIRLEY 6 BELFRAGE ROAD WESTMOUNT QUE	B A 3 WA 2423
KENNEDY WILLIAM PATERSON 432 GROSVENOR AVE WESTMOUNT QUE	MD CM 4 EL 7068
KENNEDY BENJAMIN F 482 LANSDOWNE AVE WESTMOUNT QUE 302 SO KINGSWAY AVE TORONTO ONT	B COM 2 DE 4897
KENNEY THEODORE C DAWSON COLLEGE 591 DESAULNIERS BLVD ST LAMBERT QUE	B ENG 1
KENNEY GERARD ISAIE DAWSON COLLEGE ST REMI D AMHERST QUE	B ENG 1
KENT KENNETH C 3640 NORTHCLIFFE AVE MONTREAL QUE	B ENG EL 4 EL 0845
KENT KENNETH GEORGE 3429 PEEL ST MONTREAL QUE 8 NEVILLE DRIVE LONDON N 2 ENGLAND	B A 3 PL 7385
KENT LEONARD EDWARD 760 44TH AVENUE LACHINE QUE	B SC 2
KERMAN ARTHUR KENT 2715 MAPLEWOOD AVE APT 5 OUTREMONT QUE	B SC 4 AT 1456
KERMAN MERVIN H 3427 PRUD HOMME AVE N D G MONTREAL	B COM 2 DE 6028
KERNS JAMES E 3573 HUTCHISON ST MONTREAL QUE 134 S HIGH ST KENTON OHIO U S A	B ENG CH 4
KERR ALISON GLENTON 5591 COTE DES NEIGES RD APT 2 MONTREAL QUE	B A 3 EX 1627
KERR GERALD JOSEPH 2071 GREY AVE N D G MONTREAL QUE 1084 ST URSULE THREE RIVERS QUE	B ENG MC 4 DE 6060
KERR IAN LEWIS GLENTON 5591 COTE DES NEIGES RD MONTREAL QUE	PARTIAL EX 1627
KERR MARY JANE 4095 COTE DES NEIGES RD MONTREAL QUE	B A 2 WI 4514
KERR THOMAS JAMES 1525 ST MARK ST APT 7 MONTREAL QUE 4333 BAGLEY AVE SEATTLE WASH U S A	B A 1 FI 7146
KERR WILLIAM GREGG 3599 STE FAMILLE ST MONTREAL QUE 337 EAST OAK ORCHARD ST MEDINA N Y U S A	B L S 1
KERRIGAN GEOFFREY MOORE 1360 OUIMET ST APT 39 VILLE ST LAURENT QUE	M ENG 1
KETCHUM ROBERT J MACDONALD COLLEGE THE GROVE LAKEFIELD ONT	B SC AGR 2
KEYS JOHN DAVID 3320 COTE ST CATH RD APT 9 MONTREAL QUE	PH D 3 AT 9256
KIBBLEWHITE ROBERT C 6874 AVE DE MONTS MONTREAL 20 QUE R R 1 BALZAC ALBERTA	B A 2 TR 2615
KIDD JEAN ELIZABETH 231 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B A 1 AT 7324
KIELBACK ALVIN WILLIAM 4555 ADAM ST MONTREAL QUE BEAUSEJOUR MAN	B ENG CH 4 TU 1472
KIELLAND CHRISTIAN J 94 SORKEDALSVEIEN OSLO NORWAY	B ENG CI 4
KIELY JAMES ALFRED 606 NOTRE DAME AVE ST LAMBERT QUE	B ENG EL 3
KIENAST WALLACE FRANK PETERSON RESIDENCES CHICOD NORTH CAROLINA U S A	MD CM 1
KIERAN FREDERICK F PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG AM 4
KIERNAN JAMES GUERIN DAWSON COLLEGE 5 ENGLEWOOD PL ALBANY N Y U S A	B ENG MC 2
KIERNAN TERRENCE THOMAS DAWSON COLLEGE 4106 ADAM ST MONTREAL 4 QUE	B ENG CI 2 FR 9715
KILLORAN PATRICIA RUTH ROYAL VICTORIA COLLEGE 882 MERCURE BLVD DRUMMONDVILLE QUE	B SC 1
KIMMEL ABRAHAM EARL 4708 JEANNE MANCE ST MONTREAL QUE	B A 2
KIMMERLY GORDON MARTIN 74 PERCIVAL AVE MONTREAL WEST QUE	B SC P E 4 DE 7727
KIMMERLY RALPH JOHN 5265 PATRICIA AVE N D G MONTREAL 29 QUE	MD CM 4 EL 5235
KIMPTON LLOYD W MACDONALD COLLEGE 4309 BEACONSFIELD AVE APT 3 N D G MONTREAL QUE	B SC AGR 2 EL 7712
KIMURA AKIRA 2111 DELISLE ST MONTREAL QUE	B SC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KINDERSLEY PETER G DAWSON COLLEGE 4010 COTE ST CATH RD MONTREAL 26 QUE	B ENG MC 2 EX 5052
KING BARBARA MARY 777 UPPER BELMONT AVE WESTMOUNT QUE	A & S CO 1 EL 3996
KING HAMILTON D MACDONALD COLLEGE BLACK ROCK ST MICHAEL BARBADOS	B SC AGR 2
KING HUGH JOSEPH DAWSON COLLEGE SANDHILLS DEMERARA RIVER BRITISH GUIANA	B SC 1
KING HUGH LLOYD 293 LAFAYETTE AVE MONTREAL SOUTH QUE	B SC 2
KING MARGARET K ROYAL VICTORIA COLLEGE BROADWAY HOTEL PRINCE ALBERT SASK	B SC 2
KING ROGER ALISON 152 SANFORD AVE ST LAMBERT QUE	B COM 2
KING WALTER GEORGE 2341 HAMPTON AVE N D G MONTREAL QUE	B ENG MC 4 DE 8870
KINGAN JANE I MACDONALD COLLEGE 3467 ROSEDALE AVE N D G MONTREAL QUE	TCH ELEM 1
KINGMAN ABNER JR 1524 SUMMERHILL AVE MONTREAL QUE	B SC 3 FI 1361
KINGSMILL DIANA P 8 BELVEDERE ROAD WESTMOUNT QUE	B SC 1 WI 1893
KINGSTON GEORGE L 4201 DE BULLION ST MONTREAL QUE NEWCASTLE N B	B ENG MC 3
KINGSTONE DANIEL 4818 CITY HALL AVE MONTREAL QUE	B A 1 BE 6238
KINGSTONE DAVID 4882 ST URBAIN ST MONTREAL 14 QUE	B A 4 CA 4776
KINGSTONE EDDIE 4818 CITY HALL AVE MONTREAL QUE	B SC 2 BE 6238
KINGSTONE REUBEN 4882 ST URBAIN ST MONTREAL QUE	B A 2 CA 4776
KINNAIRD GORDON ALEX MACDONALD COLLEGE 109 GREEN ST TRURO N S	B SC AGR 3
KINNEAR DOUGLAS GORDON 545 PINE AVE MONTREAL QUE 74 CASOT AVE QUEBEC CITY QUE	MD CM 2 MA 1545
KINNEAR JAMES KERR MACDONALD COLLEGE	PH D 2
KINSMAN LUCY A R 521 PRINCE ARTHUR W MONTREAL QUE 28 WRIGHT ST SAINT JOHN N B	M S W 1 HA 1839
KIPNIS NORMAN DAWSON COLLEGE 4262 CLARK ST MONTREAL QUE	B ENG MI 2 LA 2291
KIPPEN JOHN M MACDONALD COLLEGE R R 1 GREENFIELD ONTARIO	B SC AGR 2
KIRBY CHRISTOPHER G M DAWSON COLLEGE 5767 TRANS ISLAND AVE SNOWDON MONTREAL QUE	B ENG EL 2 AT 0873
KIRBY ROYAL CUSHMAN 1060 GOHIER ST VILLE ST LAURENT QUE	MD CM 2 BY 3489
KIRK EVERETT JAMES 1474 FORT ST APT 1 MONTREAL QUE 524 CHURCH ST FORT FRANCES ONT	B COM 4 WI 9058
KIRK JAMES HENRY 378A BLOOR STREET WEST TORONTO ONTARIO	B L S 1
KIRK LOUISA DIANE 4140 MARCIL AVE N D G MONTREAL 28 QUE	PHYSIOTH 1 EL 1519
KIREGAARD PETER G 4465 MONTROSE AVE WESTMOUNT QUE	B COM 4 WA 5008
KIRKLAND MARIE CLAIRE 133 4TH AVE VILLE ST PIERRE QUE	B C L 3 DE 0220
KIRKLAND ROBERT W GEOLOGY DEPT 118 DENISON AVE GRANBY QUE	PH D 4
KIRKPATRICK MARTHA JEAN 57 CHESTERFIELD AVE MONTREAL QUE 922 CAPITAL S W BATTLE CREEK MICH U S A	MD CM 4 DE 0671
KIRNER GUSTAV A 4596 COOLBROOK AVE MONTREAL QUE	B ENG CI 3 BE 3423
KIRSCH ALAN VICTOR 624 BELMONT AVE WESTMOUNT QUE	B A 3 WA 6538
KIRSH DAVID MAXWELL 5955 COTE ST ANTOINE RD APT 6 MONTREAL QUE	B COM 2 DE 5404
KIRSCH MARTIN J 624 BELMONT AVE WESTMOUNT QUE	B COM 1 WA 6538
KIRTHISINGHE BUDDHADASA MACDONALD COLLEGE 34 SIRI SARANANKARA RD KALUBOWILA DEHIWALLA	B SC AGR 3
KIRWAN EDWARD G 8037 COTE ST LUC ROAD MONTREAL QUE	B A 4 WA 4474
KIS STANLEY SAMUEL 4627 HINGSTON AVE N D G MONTREAL QUE ★	H SCH DI 5 WA 9776
KITE WILLIAM CASPER JR 1555 SUMERHILL AVE APT 407 MONTREAL QUE 1501 CAMDEN WAY OKLAHOMA CITY OKLA U S A	MED DIPL 2 FI 4503
KITSON DONALD 1514 CRESCENT ST MTL BAIE COMEAU QUE	B ENG EL 4 MA 7457
KITSON PATRICIA MAE MACDONALD COLLEGE BAIE COMEAU QUE	TCH ELEM 1
KIZNER RUTH MACDONALD COLLEGE 1046 LAURIER AVE W OUTREMONT QUE	TCH ELEM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KLAMKA SUSAN 5308 PARK AOE MONTREAL QUE	B A 2 TA 6602
KLATZO IGOR 3801 UNIVERSITY ST MONTREAL QUE	PH D 1
KLEIN ANNETTE SANDRA 5194 WESTBURY AVE	B. A 3 EL 0624
KLEIN ARTHUR 6253 SHERBROOKE ST WEST MONTREAL QUE	B SC 2 EL 3693
KLEIN EDWARD LEONARD 654 MURRAY HILL AVE WESTMOUNT QUE	B COM 4 EL 6251
KLEIN GEORGE MARVIN 654 MURRAY HILL AVE WESTMOUNT QUE	B COM 1 EL 6251
KLEIN LEON 3629 PARK AVE MONTREAL QUE	PARTIAL BE 7880
KLEIN LOIS RUTH 3657 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 DE 3363
KLEIN RUDY HENRY 29 LAMARCHE ST ST ANN DE BELLEVUE QUE	B SC AGR 3
KLEIN WILLIAM DAWSON COLLEGE 4181 LAVAL AVE MONTREAL QUE	B ARCH 1 LA 3667
KLENIEWSKI CHRISTOPHER DAWSON COLLEGE 60 ST SULPICE RD MONTREAL QUE	B ENG MC 2
KLEPPER DAN DAWSON COLLEGE 3205 LINTON BLVD APT 11 MONTREAL QUE	B ENG CH 2
KLVM PETER 2550 MONTGOMERY ST MONTREAL QUE	B SC 2 FA 7841
KNAPP RUSSELL F MACDONALD COLLEGE 1041 VALIQUETTE ST VERDUN QUE	B SC AGR 1 TR 4138
KNATCHBULL HUGESSEN E H 4640 GRAND BLVD APT 12 MONTREAL QUE	B C L 3 DE 8750
KNECHT ANNA MAY 115 WICKSTEED AVE TOWN MOUNT ROYAL QUE	GR N CER 1 AT 1045
KNELMAN FRED H 473 PRINCE ARTHUR W MONTREAL QUE	M ENG 2 BE 5346
KNIGHT ALLAN 2061 ST LUKE ST APT 1 MONTREAL QUE	MD CM 4 WI 9259
KNIGHT ALLAN FRANK 3340 COTE ST CATH RD APT 17 MONTREAL QUE	B ENG MC 3 AT 6854
KNIGHT OLIVER WALTER 435 CONCORD ST MONTREAL QUE ST GEORGE S GRENADA B W I	B ENG EL 4 MA 4909
KNIGHT SHIRLEY ANN 11 CEDAR AVE POINTE CLAIRE	B A 4
KNOWLES NORMA I MACDONALD COLLEGE RICHMOND QUE	B SC H E 2
KNOWLES PEGGY PENELOPE 3789 THE BOULEVARD WESTMOUNT QUE	B N 2 DE 0141
KNOX DONALD M MACDONALD COLLEGE CARLETON PLACE ONT	B SC AGR 3
KNUBLEY JAMES R 31 STRATFORD ROAD HAMPSTEAD QUE	B ENG CH 4 EL 1555
KNUBLEY PETER RUSSELL 4608 MARCIL AVE MONTREAL QUE	B COM 3 DE 1851
KNUTSON GORDON HAROLD 3545 PARK AVE MONTREAL QUE 3631 VICTORIA AVE REGINA SASK	D D S 2
KOBERNICK ELI DAVID 1503 DUCHARME AVE OUTREMONT QUE	B A 1 CA 5291
KOBERNICK SIDNEY D 3070 LINTON AVE APT 10 MONTREAL 26 QUE	PH D 2 EX 2114
KOCH GORDON MATTHIAS 690 VICTORIA AVE WESTMOUNT QUE	B ENG 1 DE 4183
KOCHEN JOSEPH ABRAHAM 1222 LAJOIE AVE OUTREMONT QUE	B SC 2 VI 6476
KOFFEND ROBERT JOSEPH 526 WALNUT AVE ST LAMBERT QUE	B A 1
KOHL JOHN PETER 53 HOLTON AVE WESTMOUNT QUE	B A 4 FI 5010
KOIVU GEORGE ELMER 419 PRINCE ARTHUR ST W MONTREAL QUE 32 CHURCHILL ST NORANDA QUE	B ENG MI 4 HA 1088
KOLBER ERNEST LEO 3485 VAN HORNE AVE APT 12 MONTREAL QUE	B C L 1 EX 5975
KOLBER MYRA ELEANOR 885 STUART AVE OUTREMONT QUE	B A 4 CA 4733
KOLBER NATALIE RAE 5610 DUROCHER AVE OUTREMONT QUE	B A 2 CA 5500
KOLOTINSKY DAVE 3814 CLARK ST MONTREAL 18 QUE	B A 1 BE 5822
KOLUPANOWICZ SAM 3620 COLONIAL AVE MONTREAL QUE R R 2 ST CATHERINES ONT	B ENG MC 3 BE 5403
KON CHARLES 3980A ST URBAIN ST MONTREAL QUE	B COM 1 BE 6905
KONIGSBERG HASKELL MACDONALD COLLEGE 1875 LEMOYNE ST LOS ANGELES 26 CALIF USA	B SC 4
KONZUK CHARLES JOS 4518 MARCIL AVE N D G MONTREAL QUE	B ENG EL 4 WA 2493
KOPIN IRWIN JEROME 1104 CARROLL PL BRONX 56 N Y U S A	B SC 3
KORCZ VICTOR CHARLES DAWSON COLLEGE 6425 10TH AVENUE ROSEMOUNT MONTREAL QUE	B ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KORNACHUK ANATOLE DAWSON COLLEGE 793 12TH AVE LACHINE QUE	B ENG 1
KOROZINSKI JACK A 4645 CLARKE ST MONTREAL QUE	L MUS 3 MA 2524
KORSKI JAMES EUGENE 3561 HUTCHISON ST MONTREAL QUE	B ENG MI 3 LA 0564
KOSAKA SHIZUYE 3721 HUTCHISON ST MONTREAL QUE	B SC 2
KOSTOL CARL R 2060 METCALFE MONTREAL QUE PRAIRIE CITY OREGON U S A	MD CM 3
KOURI ROBERT MICHAEL 7023 DE ST VALIER ST MONTREAL QUE	H SCH DI 5 TA 8635
KOVACK ERNEST 3417 UNIVERSITY ST MONTREAL QUE 136 WILLIAM ST BRANTFORD ONT	B SC 4 MA 0668
KOVALZSKI VOZISLAV 1007 GUY ST MONTREAL QUE YUGOSLAVIA	B A 2 MA 7813
KOWAL WALTER 354 ARGYLE AVE VERDUN QUE	B SC 2 YO 7190
KOWALSKI BRONISLAW G 3465 COTE DES NEIGES RD APT 21 MONTREAL QUE	B ENG MC 3 WI 2746
KOZAK PETER EDWARD ROYAL VICTORIA HOSPITAL 10955 84TH ST EDMONTON ALTA	MED DIPL 2
KOZIAR APPOLENARIE OREST 3555 JEANNE MANCE APT 8 MONTREAL QUE GREAT DEER SASK	D D S 1
KOZIAR EDWIN LEONID 3555 JEANNE MANCE APT 8 MONTREAL QUE GREAT DEER SASK	D D S 1
KOZLOV EDDIE 3709 CITY HALL AVE MONTREAL QUE	B COM 2 HA 9763
KOZLOWSKI JOSEPH J 1213 MONTMORENCY ST MONTREAL QUE	B ENG 1 WE 7092
KRAMER EVA 257 VILLENEUVE ST APT 6 MONTREAL QUE	B A 2 TA 4394
KRANCK SVANTE HAKAN 4803 MELROSE AVE MONTREAL QUE	B A 2 WA 9764
KRASHINSKY ESTHER 3733 MACKENZIE AVE MONTREAL QUE	L MUS 1 EX 6493
KRAULIS ALVIS DAWSON COLLEGE 1045 ST VIATEUR AVE OUTREMONT QUE	B ENG 1
KRAUSE CALVIN CLARENCE 3608 STE FAMILLE ST MONTREAL QUE JANSEN SASK	MD CM 3 HA 8916
KRAUS MICHAEL JOSEPH DAWSON COLLEGE 5753 ESPLANADE AVE MONTREAL QUE	B ARCH 1
KRAWCHUK THEODORE 6763 DELORIMIER AVE MTL 402 GARLIES ST WINNIPEG MAN	D D S 1 VI 8275
KRISTJANSON LILYA GUDRUN 2038 METCALFE ST MONTREAL QUE WYNYARD SASKATCHEWAN	B L S 1 PL 0813
KRONK ARTHUR W PRESBYTERIAN COLLEGE 207 BELLEVILLE AVE BELLEVILLE N J U S A	B SC 3
KRONICK MORRIS 4646 CLARK ST MONTREAL QUE	MUS QUAL 1 HA 7927
KRUCHOWSKI WALTER 481 PRINCE ARTHUR ST W MONTREAL QUE 95 HOWLAND AVE TORONTO ONT	B ENG EL 4
KRUGER EARL 5443 JEANNE MANCE ST APT 1 MONTREAL QUE	B A 2 CR 6742
KRUYT ROBERT A 1119 DONVEGAN RD TOWN OF MOUNT ROYAL QUE	B ENG MC 3 AT 4468
KUHN BERNARD G 2675 STATION BLVD LACHINE QUE	M ENG 1
KULA MORRIS 5497 TRANS ISLAND AVE MONTREAL QUE	B ARCH 2 EL 9752
KULBA MORRIS ALEXANDER 7093 FABRE ST APT 3 MONTREAL QUE	B A 3 VI 7162
KUMAMOTO YURIKA 7198 PAPINEAU AVE MONTREAL QUE	B SC 3 GR 5076
KURTZ FISCHEL J 3828 CITY HALL AVE MONTREAL QUE	B SC 2 BE 7921
KURTZ JACK PHILLIP 261 COTEAU ROUGE R R 1 LONGUEUIL QUE	B COM 3
KUSHNER ARNOLD 5950 TERREBONNE AVE N D G MONTREAL QUE	M SC 1 WA 1883
KUSHNER DONN J 3621 OXENDEN AVE APT 1 MONTREAL QUE 617 BANK ST LAKE CHARLES LOUISIANA U	M SC 1 LA 7745
KUSHNER EVA HILDA R 3621 OXENDEN AVE APT 1 MONTREAL QUE	M A 1 LA 7745
KUSHNEREIT LYDIA 5576 DRAKE ST COTE ST PAUL QUE	B A 1 TR 6543
KUSHNIRUK WILLIAM 3677 PARK AVE MONTREAL QUE 735 AVE M SOUTH SASKATOON SASK	MD CM 4 HA 1819
KUSSNER MARVYN S 5085 MACDONALD AVE APT 301 MONTREAL QUE	B COM 4 WA 2340
KUZYK STANLEY V 3609 UNIVERSITY ST MONTREAL QUE BOX 198 VEGREVILLE ALTA	B SC 4 LA 6307
KWIECINSKA HANNA MARIA 3465 COTE DES NEIGES MONTREAL QUE	PH D 3 FI 2955

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KYLE JOHN FERGUS DAWSON COLLEGE 4830 WALKLEY AVE MONTREAL QUE	B ENG 1 DE 6165
KYLE LESLIE CRAIG 4608 DECARIE BLVD APT 16 MONTREAL QUE	B COM 2 WA 6632
KYTE ELINOR LAURIE 484 STRATHCONA AVE MONTREAL QUE LOUISBURG N S	B A 2 EL 4324
KYTE JOHN ANTHONY M 3581 DUROCHER ST MONTREAL QUE ANTIGONISH NOVA SCOTIA	D D S 2 HA 7778

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LAATUNEN GUNNAR POJU 629 QUERBES AVE OUTREMONT QUE	B COM 2 TA 3634
LABELLE HENRI P 660 HARTLAND AVE OUTREMONT QUE	B ARCH 3 AT 1800
LA BERGE CAMILLE PIERRE 1009 PRUD HOMME AVE N D G MONTREAL QUE	B COM 3 DE 9079
LABERGE PAUL ANTHONY 3687 JEANNE MANCE ST MONTREAL QUE	B C L 3 HA 1739
LABIENER JOE WALTER 524 2ND AVE POINTE AUX TREMBLES QUE	B COM 1
LACAILLE PETER CHARLES 4782 COTE DES NEIGES RD MONTREAL QUE	B C L 2 AT 7487
LACAILLE PIERRE D 5441 BRODEUR MONTREAL QUE	B COM 2 EL 2520
LACASSE ARMAND MACDONALD COLLEGE NOTRE DAME DU NORD QUE	B SC AGR 1
LACEY FRANCIS JOSEPH 5459 12TH AVE ROSEMOUNT MONTREAL QUE	B A 3 FA 4729
LACEY RICHARD DAWSON COLLEGE 4620 HUTCHISON ST MONTREAL QUE	B ENG 1
LACHAINE JEAN AIME P MACDONALD COLLEGE 561 GLADSTONE AVE OTTAWA ONT	B SC AGR 1
LACHANCE JOHN C 118 LAVIOLETTE ST ST JEROME QUE	B ENG MC 4
LACHAPELLE JOSEPH JULES 4553 DELORIMIER AVE MONTREAL QUE	B C L 2 FR 8502
LACK ERIC MALCOLM 4440 HINGSTON AVE N D G MONTREAL QUE	B COM 1 EL 1626
LACKEY ARTHUR A 440 MT STEPHEN AVE MTL STANBRIDGE EAST QUE	B SC 3 EL 7701
LACOMBE CLAUDE DAWSON COLLEGE 10568 BERRI ST MONTREAL QUE	B ENG 1 DU 6139
LACOMBE FRANCIS J A 916 CALUMET PLACE MONTREAL QUE	B SC 2 WI 8216
LACROIX ERNEST ROGER 5229 6 AVE ROSEMOUNT QUE	B COM 1 AM 6842
LADD DONALD ELWIN 661 RIVERVIEW AVE VERDUN QUE 14954 LKWD HTS BLVD LAKEWOOD OHIO U S A	B ENG CH 3 TR7318
LAFEE GUSTAVO 3509 HUTCHISON ST APT 42 MONTREAL QUE PINEDA A PARAISA 72 CARACAS VENEZUELA	PARTIAL
LAFFIN MICHAEL ALEXANDER 3621 OXENDEN AVE MONTREAL QUE NEW WATERFORD N S	D D S 3 HA 4613
LAFFOLEY RUTH ANN 605 UPPER BELMONT AVE WESTMOUNT QUE	B SC AGR 2 EL 1935
LAFLAMME JEAN LOUIS 33 FAIRMOUNT EST MONTREAL QUE MONTE BELLO QUE	B COM 4 CA 7225
LA FLECHE LEO RICHER 3415 KING EDWARD AVE N D G MONTREAL 28 QUE	MD CM 4 WA 5579
LAFFOLEY PETER STEWART 796 LEXINGTON AVE WESTMOUNT QUE	B COM 1 EL 4524
LAFOND PIERRE 5237 CLANRANALD AVE N D G MONTREAL QUE	B ARCH 2 WA 3451
LAFONTAINE CHARLES J S 3592 UNIVERSITY ST MONTREAL QUE 36A CHAMPLAIN ST VALLEYFIELD QUE	B COM 3 PL 2435
LA FLECHE FRANCOIS R 1117 ST MATTHEW ST MONTREAL QUE 361 BESSENER AVE OTTAWA CANADA	MD CM 1 WI 9862
LAFRAMBOISE JEAN LOUIS DAWSON COLLEGE 749 FIRST STREET E CORNWALL ONT	B ENG 1
LAGACE ALFRED F 4201 DE BULLION ST MTL 709 CENTRAL ST FRANKLIN N H U S A	B SC 3 BE 7160
LAGENDYK PETER JOHN 365 41ST AVE LACHINE QUE	B ENG CI 1
LAIDLAW ERNEST JOHN 700 ABERDEEN AVE WESTMOUNT QUE	B ENG CI 4 DE 3773
LAIDLAW JOANNE F MACDONALD COLLEGE 700 ABERDEEN AVE WESTMOUNT QUE	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LAIDLAW THOMAS ANGUS QUEEN MARY VETS HOSP 286 WILLOWDALE AVE MONTREAL 26 QUE	MED DIPL 4 AT 9481
LAIDLEY KEITH M 56 SUNNYSIDE AVE WESTMOUNT QUE	B A 2 EL 6369
LAING CHARLES ALEXANDER DOUGLAS HALL 1167 KILDARE RD WINDSOR ONTARIO	MD CM 2
LAING FRANCES 5510 BEAMINSTER PLACE MONTREAL QUE	B A 1 AT 6825
LAING JOHN CAMPBELL 33 CAMPBELL AVENUE MONTREAL QUE	B C L 3 EL 0732
LAISHLEY ELIZABETH C 105 HILLCREST AVE MONTREAL WEST QUE	B SC 3
LAKE ROSEMARY CECIL 3480 ONTARIO AVE MTL 2ST A CASCADE P OF SPAIN TRINIDAD B W I	B L S 1 PL 0044
LAKERS PAUL JOHN 119 BLENHEIM PL WEST MT 1467 24TH AVE COLUMBUS NEBRASKA U S A	B A 2 WE 6998
LAKS HERBERT 3436 DUROCHER STREET MONTREAL QUE	B ENG PH 3 HA 0733
LALICH VELJKO 1007 GUY ST MONTREAL QUE	B A 2 MA 7813
LALONDE ADRIEN 195 ST CATHERINE RD OUTREMONT QUE	B COM 3 RO 6780
LALONDE ELIZABETH L 33 KINDERSLEY AVE TOWN MOUNT ROYAL QUE	B SC P E 1 AT 2837
LAM PETER DAWSON COLLEGE QUE 6 KENNEDY TERRACE HONG KONG CHINA	B ENG 1
LAMARTINE RUTH CHARLOTT HUDSON HEIGHTS QUE	B SC 3
LAMB BRUCE L 201 SOUTH ST CUMBERLAND MD	B ENG EL 4
LAMB DRUMMOND H DAWSON COLLEGE 633 GALT AVE VERDUN QUE	B ENG 1 YO 8715
LAMB HELEN THORNTON 3578A PEEL ST MTL QUE 174 CARLING AVE OTTAWA ONT	B N 2 MA 1517
LAMB JUDY GRACE SABINE 316 KENSINGTON AVE WESTMOUNT QUE R R 7 THE CEDARS LONDON ONT	B A 4 FI 4973
LAMBERT EDISON HOWARD PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MC 4
LAMBERT JOSAPHAT MACDONALD COLLEGE STE ANNE DE LA POCATIERE COUNTY KAM QUE	B SC AGR 3
LAMBERT WILLIAM THOMAS 5517 WELLINGTON ST VERDUN QUE 855 RIELLE AVE VERDUN QUE	B ENG CI 4
LAMBIE ANTHONY JOHN 718 DRUMMOND COURT MONTREAL QUE	B COM 3 BE 1645
LAMBROUGHTON DAVID B R MACDONALD COLLEGE BOX 40 SALISBURY N B	B SC AGR 4
LAMIRANDE ARMAND 57 SHERBROOKE EAST MONTREAL QUE	B L S 1 LA 1523
LAMMINMAKI ARNE J 3421 DRUMMOND ST MTL 150 N ROCKWOOD AVE PORT ARTHUR ONT	B ENG EL 3 LA 0950
LAMONT CATHERINE JEAN 3821 WILSON AVE N D G 826 WOLSELEY AVE WPG MAN	H SCH DI 5 DE 8180
LAMONT HELEN LORNA 5232 MOUNTAIN SIGHT AVE N D G MONTREAL QUE	B A 1 EL 7900
LAMONT HAVERS RONALD W QUEEN MARY VETERANS HOSP 6550 MARINE CRES VANCOUVER B C	MED DIPL 1
LAMONT JOHN GOFF DAWSON COLLEGE MARGARET MAN	B ENG 1
LAMOTHE ANDRE S 16 LEARMONTH APT 7 QUEBEC QUE	B ENG CI 4
LAMOUREUX GERARD E 6765 12TH AVE ROSEMOUNT MONTREAL QUE	B ENG EL 3
LANCASTER ELAINE J MACDONALD COLLEGE BISHOPTON QUE	TCH ELEM 1
LANCTOT JOSEPH J R MACDONALD COLLEGE 1485 AVE BERNARD APT 12 OUTREMONT QUE	B SC AGR 1
LANDER ROBERTA 36 FORDEN CRESCENT WESTMOUNT QUE	B A 2 EL 7177
LANDRIGAN JAMES P PETERSON RESIDENCES 40 SCHOOL ST CHARLOTTETOWN P E I	D D S 3
LANDRY ELOY 1659 SHERBROOKE ST W MONTREAL QUE CAP CHAT GASPE CTY QUE	B C L 1 FI 0544
LANDRY JEAN PAUL 1471 DORCHESTER ST W MONTREAL QUE 39 HENDERSON AVE OTTAWA ONT	B ENG EL 4 FI 1727
LANDRY PHILIPPE R 4297 WESTERN AVE WESTMOUNT QUE	B ENG CI 3
LANDRY ROBERT ED 3592 UNIVERSITY ST MONTREAL QUE 18 COTE BELLEVUE ISLE MALIGNE QUE	B ENG EL 4 PL 2435
LANE ALAN GEOFFREY ENGINEERING BLDG 6048 D ARAGON ST MONTREAL 20 QUE	M ENG 1
LANE DEIRDRE VERONICA 4258 DORCHESTER ST W MONTREAL QUE	B A 1 FI 1068

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LANE IAN VERNE 3585 MCTAVISH ST MTL 3240 ANGUS ST REGINA SASK	B SC 4
LANE JEPTHA FRANK 309 ELM AVE WESTMOUNT QUE 1902 WILLOW ST AUSTIN 22 TEXAS U S A	B SC 3 WI 1507
LANG ALLAN DOUGLAS 64 SALABERRY BLVD CHATEAUGUAY QUE	B SC 4
LANG BARBARA JOAN 4274 KINGSTON AVE MONTREAL QUE	L MUS 3 DE 5908
LANG MARTIN 5968 PARK AVE APT 3 MONTREAL 8 QUE	B COM 1 CR 0443
LANG NORMAN EDWARD 5500 VICTORIA AVE MTL 2075 VICTORIA AVE THREE RIVERS QUE	B ENG MC 3
LANGBALLE MARGARET A B MACDONALD COLLEGE 21 6TH ST NORANDA QUE	B SC H E 2
LANGBALLE PETER BROCK DAWSON COLLEGE 21 SIXTH ST NORANDA QUE	B SC 2
LANGFORD BEATRICE W 3543 ST FAMILLE ST APT 2 MONTREAL QUE CHAMPLAIN COLLEGE APT 19E PLATTSBURG N Y	M A 1 HA 4462
LANSELIER JEAN DOUGLAS HALL OTTAWA ONT	B C L 3
LANGEVIN JOSEPH L L 4327 DELORIMIER AVE MONTREAL QUE	B ARCH 2 AM 2231
LANGEVIN MONIQUE 58 HOLYROOD AVE MONTREAL QUE	B A 4 AT 0635
LANGEVIN ROBERT 4560 RIDGEVALE AVE MONTREAL QUE 66 BROWN AVE QUEBEC CITY QUE	B COM 4 EX 6186
LANGLEBEN MANUEL P 5939 HUTCHISON ST MONTREAL QUE	M SC 1 CR 5227
LANGLOIS CLAUDE DAWSON COLLEGE C P 39 MAGOG QUE	B ENG CI 2
LANGLOIS MARIE T 1551 ST MARK ST MONTREAL QUE	B A 3 WE 1427
LANGLOIS ROBERT GEDEON DAWSON COLLEGE 994 NOTRE DAME ST LACHINE QUE	B ENG MI 2
LANGSTON CHARLES JOS 374 FOURTH AVE VERDUN QUE	B ENG EL 4 YO 0635
LANGSTON WALTER JAMES 60 SUNNYSIDE AVE WESTMOUNT QUE	B ENG MC 4
LANGSTROTH HARRIET E L 4709 VICTORIA AVE MONTREAL 6 QUE	H SCH DI 5 WA 1277
LANIGAN PERCY A 4654 COOLBROOK AVE MONTREAL QUE SCURIS P E I	B ENG CI 4 WA 8483

NAME ADDRESS	COURSE & YEAR TEL. NO.
LANSDELL HERBERT C 3491 ATWATER AVE APT 34 MONTREAL QUE	PH D 4 WI 2532
LANSING ZITTA ANN 425 BIRCH AVE ST LAMBERT QUE	GRAD QUA 1
LANTZ CARL MARTIN JR DOUGLAS HALL 242 PLEASANT ST NEW BRITAIN CT U S A	B A 3
LANTZ ELIZABETH A 3 ST ELIZABETH ST STE ANNE DE BELLEVUE QUE 98 BRIGHTON ROAD CHARLOTTETOWN P E I	B SC H E 1
LAPEDIS MARILYN ANITA 5426 BRODEUR AVE N D G MONTREAL	B A 2 DE 8203
LAPEDIS MYER 5545 DECARIE BLVD APT 1 MONTREAL QUE	D D S 4 EX 6197
LAPERRIERE MAURICE E 262 RIVIERA ST BCX 41 PLAGE LAVAL QUE	B ENG ME 3
LA PIERRE LOUIS 7127 QUERBES AVE MONTREAL QUE VICTORIA ST THURSO QUE	B ARCH 3 VI 0239
LAPOINTE EUGENE SCOTT 6675 MONKLAND AVE MONTREAL QUE 83 PORTLAND ST SHERBROOKE QUE	B ENG CH 4 EL 4663
LAPOINTE HENRY 865 5TH AVE VERDUN QUE	B ENG CI 3
LAPOINTE JACQUES 3767 ST ANDRE ST MONTREAL QUE	B ENG EL 4 AM 5568
LA PRAIRIE ROLLAND R 4848 MELROSE AVE N D G MONTREAL QUE	B C L 1 WA 3409
LARDER GEORGE FRED DAWSON COLLEGE 2187 MARCIL AVE N D G MONTREAL	B ENG EL 2 DE 1502
LARDNER FRANK ARTHUR 4575 GRAND BLVD APT 14 N D G MONTREAL QUE P O BOX 2393 CAPETOWN S AFRICA	B ENG CI 2 WA 8506
LARIMER ROBERT CHASE ROYAL VICTORIA HOSPITAL 2312 SUMMIT STREET SIOUX CITY IOWA	MED DIPL 1 PL 1251
LARIVIERE JEAN 3530 BELAIR ST VILLE ST MICHEL QUE	B ENG CH 3 CA 2391
LARIVIERE JOSEPH F 3609 UNIVERSITY ST MTL 29 8TH ST NORANDA QUE	B A 3 LA 6307
LA RIVIERE JOSEPH E H 348 HAMPDEN ST CHICOPEE MASS U S A	B ARCH 2
LAROCHE ALBERT DAWSON COLLEGE 181 LOGAN STREET ST LAMBERT QUE	B ENG 1
LAROCQUE PHILIPPE L 2218 DORCHESTER ST W MONTREAL QUE 101 GRAND AVE SWANTON VERMONT U S A	MUS QUAL 1 WE 6225

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LAROSE MAURICE A J 6977 1ST AVE ROSEMOUNT MONTREAL QUE	B ENG CI 4 CA 1558
LARSON GEORGE HOWARD 3585 LORNE AVE APT 7 MONTREAL QUE 95 SOUTH ST PROCTOR VT U S A	D D S 4 BE 5041
LASCELLES CHRISTOPHER F MACDONALD COLLEGE 1061 SOMERSET ST W OTTAWA ONT	B SC AGR 1
LASH HARRY N 5050 ROSLYN AVE MONTREAL 6 QUE	PH D 2 AT 7134
LASICH ANTHONY ROBERT 3609 UNIVERSITY ST MTL VAL D OR QUEBEC	MD CM 3 LA 6307
LATIMER GEORGE ANDREAS 2090 PATRICIA AVE MTL W MARTI 127 MEXICO D T	B COM 1 WA 9838
LATSKY NORMAN L 455 CLAREMONT AVE WESTMOUNT QUE	B COM 4 DE 3884
LATTIMER ERNEST JAMES 47 THORNHILL AVE WESTMOUNT QUE	B A 4 WI 9276
LAUFER PHILIP J 5024 ESPLANADE AVE MONTREAL QUE	B SC 2 GR 2669
LAUREN PENTTI KALERVO DAWSON COLLEGE 366 4TH STREET QUEBEC CITY QUE	B ENG 1
LAURENDEAU PETER 35 ARLINGTON AVE WESTMOUNT QUE	B ENG 1 EL 1881
LAURIE CAROL E MACDONALD COLLEGE HEMMINGFORD QUE	B SC H E 2
LAURIER MARCEL 4420 DE LA ROCHE ST MONTREAL QUE	B ENG MC 3 FR 4531
LAURIN CARROLL ALFRED DOUGLAS HALL 257 LAURIER ST HULL QUE	MD CM 2
LAURIN DAVID EARL 3777 COTE DES NEIGES RD MONTREAL QUE	B SC 4 FI 1830
LAURIN GERALD ANTOINE 900 CREVIER ST VILLE ST LAURENT QUE	B ENG 1 BY 1915
LAURIN WILLIAM ALFRED 5462 BRODEUR AVE MONTREAL 28 QUE	B ENG MC 4 DE 2950
LAVALLEE JOHN JANMER 1536 GOUIN BLVD E MONTREAL QUE	B A 2 DU 3714
LAVALLEE JAMES JOS 1674 BOURBONNIERE ST MONTREAL QUE	B ENG ME 3
LAVALLEE LILLIAN EVELYN 2625 GOUIN BLVD WEST CARTIEVILLE QUE	B SC 3 BY 1684
LA VALLIERE JOSEPH A 3508 DUROCHER ST MONTREAL QUE 5 CRAIG ST SHERBROOKE QUE	B ENG CH 3 MA 4352
LAUERS ELIZABETH K 5469 MONKLAND AVE MONTREAL QUE PARRSBORO N S	PARTIAL WA 1479
LAW FRANKLIN C DAWSON COLLEGE 19 TENNESSEE ST PORT COLBORNE ONT	B ENG 1
LAW ROBERT 1422 DUNKIRK RD TOWN OF MOUNT ROYAL QUE	B COM 2 AT 2722
LAWAND WILLIAM JOHN 782 MCEACHRAN AVE OUTREMONT QUE	B COM 1 DO 4548
LAWLEY MARY FRANCES 2025 GREY AVE N D G MONTREAL QUE	B A 2 DE 4474
LAWLOR THELMA L 4406 COOLBROOKE AVE MONTREAL QUE	B A 1 EL 6300
LAWRENCE AUDREY D MACDONALD COLLEGE 662 DAVAAR AVE OUTREMONT QUE	TCH ELEM 1
LAWRENCE ALAN SANBORN 1525 ST MARK ST APT 7 MONTREAL QUE 151 DUFFERIN ST GRANBY QUE	B ENG CI 3 FI 7146
LAWRENCE CARL ALBERT 5587 CANTERBURY AVE MONTREAL QUE	B SC 4 AT 4006
LAWRENCE HIBBERT G MACDONALD COLLEGE NAPPAN STATION CUMB COUNTY N S	B SC AGR 3
LAWRENCE HAROLD C MACDONALD COLLEGE LEWISVILLE N B	B SC AGR 4
LAWRENCE JESSIE M 4353 MELROSE AVE MONTREAL QUE 104 CHURCH ST AMHURST N S	M S W 2 EL 1875
LAWRENCE JOHN HAROLD A DOUGLAS HALL 604 JARVIS ST TORONTO ONTARIO	MD CM 4
LAWS H WYATT 4868 COTE DES NEIGES RD APT 11 MONTREAL QUE	MED DIPL 4 AT 6448
LAWSON JOSEPH VICTOR 398 MONTEE STE MARIE STE ANNE DE BELLEVUE	H SCH DI 5
LAWTON RICHARD F 3453 GERTRUDE ST VERDUN QUE	B ARCH 4 TR 2975
LAWTON RUSSELL WARD 6645 TERREBONNE AVE N D G MONTREAL QUE	B ENG MC 2 WA 7339
LAX BERNARD B 237 BLOOMFIELD AVE MONTREAL 8 QUE	B SC 3 DO 1066
LAXER CARL HYMAN 5295 HUTCHISON ST MONTREAL QUE	B A 4
LAYNE DONALD S MACDONALD COLLEGE BRIARWOOD ST MICHAEL 26 BARBADOS B W I	B SC AGR 1
LAYTON IRVING PETER 8035 KILDARE AVE COTE ST LUE MTL QUE	PH D 4 WA 6173
LAZARE DANIEL 340 LANSDOWNE AVE WESTMOUNT QUE	B ENG 1 DE 0919
LAZIER AIMEE MAY 5398 COOLBROOK AVE SNOWDON QUE	B L S 1 WA 4094

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LAZIER FREDERICK C 5398 COOLBROOK AVE MONTREAL QUE	B COM 4 WA 4094
LAZZARI JOHN ALBERT 3508 DUROCHER ST MTL SAN FERNANDO TRINIDAD B W I	B A 2 MA 4352
LEECH ALFREDA J MACDONALD COLLEGE 80 FRONTENAC STREET SHERBROOKE QUE	TCH ELEM 1
LEACOCK ARTHUR MURDOCH DOUGLAS HALL 708 SUNNYSIDE BLVD CALGARY ALTA	MD CM 2
LEAMY PETER JAMES 6 WEREDALE PARK WESTMOUNT QUE	MD CM 3 FI 9621
LEARD JAMES HOWARD I 10233 PELOQUIN AVE AHUNTSIC MONTREAL 12 QUE	B ENG MC 4 VE 2403
LEAVITT BERT KIRKHAM 3523 JEANNE MANCE ST MONTREAL QUE RAYMOND ALBERTA CAN	B ENG MC 4
LEAVITT RONALD ROBERT 3506 UNIVERSITY ST MONTREAL QUE 10 SOUTHERN DRIVE OTTAWA ONT	B COM 2
LEAVITT SYDNEY RONALD DAWSON COLLEGE QUE 1235 BERNARD AVE W OUTREMONT QUE	B ENG 1 CA 4458
LE BARON DAVID A 10 LORRAINE AVE WESTMOUNT QUE	B COM 4 EL 4790
LEBEAU PIERRE ARMAND 15 BELOEIL AVE OUTREMONT QUE	B C L 1 AT 4823
LE BEL PIERRE B 3710 JEANNE MANCE MTL 252 LAURIER AVE E OTTAWA ONT	B ENG MC 4 HA 7602
LE BLANC IRENEE H PETERSON RESIDENCES 25TH AVE LACHINE QUE	B COM 4
LA BLANC GUY 129 ST GERMAIN ST VILLE ST LAURENT QUE	B C L 2 BY 3175
LE BLANC JOSEPH Y 4294 ST CATHERINE W MTL 73 WESLEY ST MONCTON N B	B ARCH 4 FI 3404
LE BLANC LE BARON J 4180 BEACONSFIELD AVE N D G MONTREAL QUE	B COM 4 DE 6952
LEBLANC LEON PATRICK 2627 RUSHBROOKE ST PT ST CHARLES MTL QUE	B ENG EL 3 FI 1585
LE BLANC MICHEL R DAWSON COLLEGE 85 WEST KING ST SHERBROOKE QUE	B ARCH 1
LEBLANC RAYMOND F 4438 HARVARD AVE MONTREAL QUE	PH D 4 EL 0627
LE BROOY PAUL JAMES 369 CLARKE AVE WESTMOUNT QUE 369 CLARKE AVE WESTMOUNT QUE	PARTIAL WI 4585 WI 4585
LE CAVALIER RAYMOND A DAWSON COLLEGE 2030 BALDWIN AVE MONTREAL QUE	B ENG 1
LECLERC MARC E DAWSON COLLEGE 103A LAURIER AVE SHERBROOKE QUE	B ENG 1
LECKER ALAN ASHER 6005 HUDSON RD MONTREAL QUE	B COM 1 EX 4958
LECLAIR GUY ARMAND 6733 DELORIMIER AVE MONTREAL QUE	B ENG ME 3 DO 6433
LECLAIR JEAN MAURICE 3508 UNIVERSITY ST MONTREAL QUE 424 ST MARC ST SHAWINIGAN FALLS QUE	MD CM 3 HA 4873
LE CLAIR RAYMOND N 3508 UNIVERSITY ST MONTREAL QUE 424 ST MARC ST SHAWINIGAN FALLS QUE	B ENG CI 4 HA 4873
LECLAIR YVON GASTON 311 ST LOUIS SQ APT 2 MONTREAL QUE	B COM 1 LA 5990
LECOMPTE JOHN MAURICE 320 RUE CHAMPLAIN ST JEAN QUE MACDONALD AVE CORNWALL ONT	B SC 3
LECOQ PIERRE 9022 ST HUBERT ST MONTREAL QUE	MD CM 2 DU 8193
LECLERC BERTHE 1130 FAIRMOUNT AVE APT 3 MONTREAL QUE	PARTIAL WI 3121
LEDAIN VIRGINIA J T MACDONALD COLLEGE 1 VERTU ROAD VILLE ST LAURENT QUE	B SC H E 2
LEDERMAN BERNARD DAWSON COLLEGE 163 PINE AVE E MONTREAL QUE	B ENG EL 2
LEDOUX JOSEPH DAVID 356 KITCHENER AVE WESTMOUNT QUE	B ENG EL 3 WI 8049
LE DOUX JOSEPH L P 6028 CHRISTOPHE COLOMB MONTREAL QUE	B COM 4 VI 0391
LEDOUX MARY THERESA 356 KITCHENER AVE WESTMOUNT QUE	B A 4 WI 8049
LEDUC MARIE PIERRE C 3539 HUTCHISON ST MTL 344 DALY AVE OTTAWA ONT	B ENG CI 4
LEDWELL JOHN RICHARD 3592 UNIVERSITY ST MONTREAL QUE ST PETERS P E I	B ENG EL 3 PL 2435
LEDWELL WILLIAM ADOLPHUS 3592 UNIVERSITY ST MTL ST PETER S BAY PRINCE EDWARD ISLAND	B L S 1
LEE DAVID BRUCE 3485 MCTAVISH ST MTL 2819 W 13TH AVE VANCOUVER B C	MD CM 2 BE 0424
LEE DOUGLAS H 2286 CLIFTON AVE N D G MONTREAL 28 QUE	B ARCH 5 EL 9145
LEE ETHEL SUE 10280 HAMELIN AVE MONTREAL QUE	B SC 2 DU 4262

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LEE GEORGE WILSON HALL 311 WEST 21 AVENUE VANCOUVER B C	B ENG CH 3
LEE KENDAL ALEXANDER 3445 PEEL ST MTL QUE 123 ABERCROMBY ST PORT OF SPAIN TRINIDAD B W I	D D S 2 HA 9462
LEE MARY CORA 940 DUNLOP AVE OUTREMONT QUE	B A 1 AT 1514
LEESON MAURICE JAMES MACDONALD COLLEGE IMPEROYAL HALIFAX CO N S	B SC AGR 4
LEFEBVRE EUGENE S J 12 MELBOURNE AVE WESTMOUNT QUE	B ENG MC 3 WE 2530
LEFEBVRE JEAN LOUIS 729 COTE ST CATHERINE RD MONTREAL QUE	B C L 2 AT 2546
LEFEBVRE PIERRE ADOLPHE 1265 GRAHAM BLVD APT 15 TOWN OF MOUNT ROYAL QUE	D D S 4 AT 0228
LEFEBVRE RODNEY A 4143 DORCHESTER ST W MONTREAL QUE	D D S 2 FI 6256
LEFEVRE MADELEINE G 4555 SHERBROOKE ST W APT 24 WESTMOUNT QUE	B A 2
LEFRANCOIS EDWARD R DAWSON COLLEGE 6240 CHABOT MONTREAL QUE	B ENG EL 2
LEFRANCOIS L BEATRICE 1472 CRESCENT ST MONTREAL QUE	B A 1 HA 1495
LEGER FERNAND J 4429 GERNIER ST MONTREAL QUE	B ENG MC 3 CH 4413
LEGER GEORGE ROMEO 1611 VIAU STREET MONTREAL 4 QUE	B C L 2 CL 7695
LEGERE JAMES HANCE 346 ELM AVE MONTREAL 6 QUE	B ENG PH 4 WE 6622
LEGG MERLE ALAN 2074 MCGILL COLLEGE AVE APT 6 MONTREAL QUE 3810 N 36TH ST TACOMA 7 WASHINGTON	MD CM 2 HA 5793
LEGGE DOROTHY J MACDONALD COLLEGE 1381 CALEDONIA ROAD TOWN OF MOUNT ROYAL QUE	B SC H E 3 AT 1783
LEGGE ROBERT C 1381 CALEDONIA RD TOWN OF MOUNT ROYAL QUE	B C L 1 AT 1783
LEHMAN EUGENE HOWARD DAWSON COLLEGE 740 BLOOMFIELD AVE OUTREMONT QUE	B SC 2
LEHMAN GEOFFREY WILLIAM 3435 MOUNTAIN ST MONTREAL QUE	MD CM 1 MA 4318
LEHMAN SUSAN 129 ST JOSEPH BLVD W MONTREAL QUE	B A 2 TA 6698
LEHNHOFF MARIO S DAWSON COLLEGE CALLEJON DE DOLORES 12 GUATEMALA CITY GUATEMALA	B ENG 1
LEHRER WILLIAM I 1130 SHERBROOKE W MTL 1501 UNDERCLIFF AVE BX N Y CITY N Y U S A	B SC 4 PL 0010
LEIB JOSEPH 457 WESTMINSTER AVE N MONTREAL QUE	PH D 4 MA 4511
LEITH ARTHUR B 145 51ST AVE LACHINE QUE	B SC 3
LEITH WILFRED 3445 RIDGEWOOD AVE MTL 770 VICTORIA RD SYDNEY N S	MED DIPL 4 AT 9036
LELIEVRE IAN FRANCIS 3559 NORTHCLIFFE AVE N D G MONTREAL QUE	B COM 1
LEMIEUX J LAURENT DAWSON COLLEGE 658 ST GEORGE ST THREE RIVERS QUE	B ENG CH 2
LE MESURIER KENNETH A 7432 BLOOMFIELD AVE MONTREAL 15 QUE	B ENG CH 4 CA 3174
LEMESURIER MARGARET G 419 ROSLYN AVE WESTMOUNT QUE	PARTIAL EL 7190
LEMIEUX BERNARD DAWSON COLLEGE 4353 GIROUARD AVE N D G MONTREAL QUE	B ENG 1 DE 3373
LEMIEUX JOSEPH EDOUARD 5520 VICTORIA AVE MONTREAL QUE	B ENG EL 4
LEMILY THOMAS J 3493 SHUTER ST MTL BOX 442 FURNACE WOODS RD PEEKSKILL N Y U S A	B A 4
LE MOINE ROY EMILE 3738 JEANNE MANCE ST MONTREAL QUE 21 RUE DU MARCHE BERTHIERVILLE QUE	B ARCH 4 BE 5392
LOMON EARLE LEONARD 4815 QUEEN MARY RD APT 1 MONTREAL 26 QUE	B SC 3 EX 1646
LENNIE RONALD HARVEY DAWSON COLLEGE 3471 WALKLEY AVE N D G MONTREAL QUE	B ENG CH 1 DE 7893
LEONARD RONALD 3585 BENNY AVE MONTREAL 28 QUE	B ENG CI 4 DE 2332
LEPINE JEAN CLAUDE 567 BENNETT AVE MONTREAL QUE	B COM 1 CL 7957
LEPOFSKY BERTHA S ROYAL VICTORIA COLLEGE 265 DALY AVE APT 23 OTTAWA ONT	B A 3
LEPOFSKY CONSTANCE R ROYAL VICTORIA COLLEGE 265 DALY AVE APT 23 OTTAWA ONT	B A 2
LE POIDEVIN ALFRED L 3473 UNIVERSITY ST MTL 4836 MAYFAIR AVE N D G MONTREAL 29 QUE	PARTIAL MA 4902
LERMAN MILLICENT 632 CHAMPAGNEUR AVE OUTREMONT QUE	B A 1 DO 8876
LERMAN SIDNEY 112 VILLENEUVE ST W MONTREAL QUE	MD CM 2 LA 8349

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LERNER FRANCES 15A ST CATHERINE RD MONTREAL QUE	H SCH DI 5 DO 9555
LERNER LORRAINE 684 OUTREMONT AVE OUTREMONT QUE	B A 1 CA 3852
LERNER RUTH 684 OUTREMONT AVE MONTREAL QUE	B COM 4 CA 3852
LEROUX EDWARD CHARLES 5235 BEACONSFIELD AVE MONTREAL QUE	B COM 3 WA 1739
LEROUX JOSE LANGLOIS 1724 NOTRE DAME ST W MONTREAL QUE ST HILAIRE E CO ROUVILLE QUE	PARTIAL WI 6495
LEROUX MAURICE ARTHUR 4456 CHRISTOPHE COLOMB MONTREAL 34 QUE	B C L 1 AM 5645
LESAGE MICHELINE 3279 VAN HORNE MONTREAL QUE	B A 1 EX 3093
LESCHUK MARY 1690 SANGUINET ST MONTREAL QUE	B A 1 HA 5501
LESLIE GORDON CHARLES DAWSON COLLEGE 163 BROCK AVE MONTREAL WEST QUE	B ENG 1 DE 7007
LESLIE IAN KENNETH 456 PINE AVE W APT 21 MONTREAL QUE 130 SECOND AVE OTTAWA ONT	B ENG CI 3 LA 2705
LESLIE ROBERT A DAWSON COLLEGE 163 BROCK AVE MONTREAL WEST QUE	B ENG MC 2
LESPERANCE DAVID L 35 SPRING GROVE AVE MONTREAL 8 QUE	B COM 1 CA 7602
L ESPERANCE ROBERT L 35 SPRING GROVE CRESCENT MONTREAL 8 QUE	PH D 3 CA 7602
LESSER JACK 5145 VICTORIA AVE N D G MONTREAL QUE	B COM 1 AT 3751
LESTER ROSLYN JOY 132 DODIE AVE TOWN OF MOUNT ROYAL	B A 1 AT 6471
LETOURNEAU GILLES M 4262 ST DENIS ST MONTREAL QUE 93 BOUGAINVILLE AVE QUEBEC CITY QUE	B ARCH 2 MA 3023
LEUNG ROY MARTIN DAWSON COLLEGE 57 DEVERTEUIL ST WOODBROOK P OF SPAIN BWI	B SC 1
LE VASSEUR ARMAND MACDONALD COLLEGE 167 MAIN ST HULL QUE	B SC AGR 2
LEVESQUE ANTHONY ROGER DAWSON COLLEGE 168 CLARENCE ST OTTAWA ONT	B ENG CH 2
LEVESQUE JACQUELINE MACDONALD COLLEGE MAD COUNTY CLAIR N B	B SC H E 1
LEVI LEO 3471 SHUTER ST APT 6 MONTREAL QUE	PH D 3 BE 6698
LEVIN EMELIA BARBARA 7518 DE L EPEE AVE OUTREMONT QUE	B A 1 CA 0350
LEVINE ALLAN 4865 QUEEN MARY RD MONTREAL QUE	B A 1 EX 2479
LEVINE GWEN LYNNE 3795 GIROUARD AVE MONTREAL QUE	PHYSIOTH 1
LEVINE LEONARD ELIOT C O Y M Y W H A 265 MT ROYAL AVE W MTL	B L S 1 PL 8422
LEVINE MARK CHARLES 5666 JEANNE MANCE AVE MONTREAL QUE P O BOX 520 STE AGATHE DES MONTS QUE	B SC 4 VI 0667
LEVINE ROBERT MARCUS MTL GEN HOSP 433 ST JOSEPH BLVD APT 16 MONTREAL QUE	MED DIPL 4
LEVINE SEYMOUR 4911 FULTON AVE MONTREAL QUE	M ENG 1 AT 9957
LEVINSON EDWARD DAVID 526 VICTORIA AVE WESTMOUNT QUE	MD CM 1 EL 7890
LEVITAN BENJAMIN A DUKE UNIVERSITY HOSP DURHAM N C 71 DALY AVE OTTAWA CAN	MED DIPL 4
LEVITAN JUDITH 5615 JEANNE MANCE ST MONTREAL 8 QUE	B S W 1 TA 5275
LEVITIN NORMAN 3706 DROLET ST MONTREAL QUE 48 FOURTH AVE OTTAWA ONT	PH D 3 HA 2507
LEVITT ABRAHAM 4862 CLARK ST MONTREAL QUE	A & S CO 1 BE 6103
LEVITT HARVEY L 425 BROOKFIELD AVE TOWN OF MOUNT ROYAL QUE	B SC 2 EX 3804
LEVITT LARRY 5436 HUTCHISON ST MONTREAL QUE	B ENG PH 3 CR 8983
LEVITT SIMON 5436 HUTCHISON ST OUTREMONT QUE	B SC 2 CR 8983
LEVY LEWIS EDGAR 664 BLOOMFIELD AVE OUTREMONT QUE BOX 472 CARLETON PLACE ONT	B A 1 DO 4035
LEW FRANCES 4929 VICTORIA AVE MONTREAL QUE	H SCH DI 5 WA 9331
LEWES DIANE D K MACDONALD COLLEGE HOTEL TOWER GEORGETOWN BRITISH GUIAN	B SC H E 3
LEWES MICHAEL DAVID 481 PRINCE ARTHUR ST APT 2 MONTREAL QUE HOTEL TOWER GEORGETOWN BRITISH GUIAN	B ENG MI 3
LEWIN ELIANE B RCYAL VICTORIA COLLEGE 38 EAST 6TH STREET HAMILTON ONT	PARTIAL

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LEWIN FRANK S DAWSON COLLEGE 30 HOLTON AVE WESTMOUNT QUE	B ENG CI 1 FI 8920
LEWIS ALIX G A ROYAL VICTORIA COLLEGE RICHMOND ONT	M A 1
LEWIS CYRIL MORRIS 2211 ST CATHERINE W APT MONTREAL QUE	B A 2 WE 5468
LEWIS HERBERT 982 PRATT AVE OUTREMONT QUE	PARTIAL AT 6676
LEWIS JOHN BRADLEY 3573 HUTCHISON ST MTL 16 LAKESIDE AVE OTTAWA ONT	M SC 1 BE 9360
LEWIS LEIBA 1914 CLINTON AVE MONTREAL QUE	B A 3 EX 2185
LEWIS MARVEN H 6983 OUTREMONT AVE MONTREAL QUE NASHWAAKSIS N B	B COM 4 CR 9817
LEWIS RAYMOND KEITH 9 HAZELWOOD AVE OUTREMONT QUE	B COM 1 AT 4110
LEWIS REVIS C 3801 UNIVERSITY ST MONTREAL QUE MOOERS N Y U S A	M SC 1
LEWIS ROBERT AUSTIN 4608 DECARIE BLVD APT 8 N D G MONTREAL QUE	B COM 2 EL 4202
LEZIY EMILE DAWSON COLLEGE 2034 JACQUES HERTEL ST COTE ST PAUL MTL QUE	B ARCH 1
LEZNOFF ARTHUR 370 WISEMAN AVE OUTREMONT QUE	B SC 3 TA 5817
LEZNOFF MAURICE 26 ST CYRIL AVE OUTREMONT QUE	B A 3 CA 9851
L HEUREUX JEAN BERNARD 224 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	M ENG 1
LI CHOH LUH 3801 UNIVERSITY ST MTL 1527A CRESCENT ST MONTREAL QUE	M SC 1 HA 5389
LIBERMAN JOHN LORNE 5387 WAVERLEY ST MONTREAL QUE	M SC 2 CA 9969
LIBMAN ISRAEL 715 STUART AVE OUTREMONT QUE	B A 2 CR 3828
LIDDLE CLIVE ANDREW W 212 RICHELIEU ST ST JOHNS QUE	MD CM 1
LIPES JOSEPH SAUL 1065 VAN HORNE AVE OUTREMONT QUE	B ENG CH 3 RO 8562
LIDKEA HARRISON BUFF 417 PRINCE ARTHUR ST MONTREAL QUE 608 MCINTRE ST E NORTH BAY ONT	B ENG EL 4 PL 9038
LIEBER JACK W 2056 VICTORIA ST APT 2 MONTREAL QUE	M A 1 LA 4392
LIEBMAN NAT 428 MT STEPHEN MONTREAL QUE	B A 4 EL 7953
LIGHT EDGAR HORACE 1199 MACKAY ST MONTREAL 25 QUE	B ENG EL 3 PL 7351
LIGHT RONALD A J MACDONALD COLLEGE 393 HOLLAND AVE OTTAWA ONT	B SC AGR 3
LIGHTSTONE E RENEE 5075 HINGSTON AVE MONTREAL QUE	B COM 1 DE 3748
LILL JOHN RAWLINSON 60 RIVERSIDE DRIVE KAPUSKASING ONT	B A 1
LILLA PETER JOSEPH PRESBYTERIAN COLLEGE 34 LAKESIDE AVE E WEYMOUTH 89 MASS U S A	B A 4
LILLIE EILEEN DIANE 720 UPPER ROSLYN AVE MONTREAL QUE	B SC P E 3 WA 5410
LIMOGES GUY DAWSON COLLEGE 932 DEMONTIGNY ST MONTREAL QUE	B ENG 1 PL 3316
LIMONCHIK ABRAHAM 3642 ST LAWRENCE BLVD MONTREAL QUE	B COM 1 PL 4759
LINDSAY AGNES WINOMAH 406 PINE AVE W APT 25 MONTREAL QUE NOTRE DAME DU SACRE COEU	B N 2 LA 0962
LINDSAY ALAN CRAWFORD 3438 MCTAVISH STREET MCTAVISH ST	B A 1 PL 1697
LINDSAY CHARLES CRAWFORD 318 KENSINGTON AVE WESTMOUNT QUE	MD CM 4 WI 7371
LINDSAY DOUGLAS MELVIN 48 ARLINGTON AVE WESTMOUNT QUE	B SC 4 WA 4381
LINKLATER DONALD M 1728 LECLAIR AVE VERDUN QUE 410 PARIS ST SUDBURY ONT	D D S 1 HE 3458
LINDSAY ELEANOR MARY 3438 MCTAVISH ST MONTREAL QUE	PHYSIOTH 2 PL 1677
LINDSAY KATHARIN G 3047 BRESLAY RD MONTREAL QUE	B A 3 WI 3892
LING JOYCE CYNTHIA 3575 PEEL ST APT 2 MONTREAL QUE 13 WOODFORD STREET PORT OF SPAIN TRINIDAD	B A 2 LA 4814
LIPMAN MAVIS RITA 35 JOYCE AVE APT 5 OUTREMONT QUE ★	B A 1 CR 2881
LITTLE ALAN BRIAN 4750 DUPUIS ST MONTREAL QUE	MD CM 4
LITTLE JAMES GRAHAM 3615 DUROCHER ST MTL 35 HIGHLAND AVE BELLEVILLE ONT	B SC 4 BE 6977
LITZKY GERALD MAX 1541 ST MARK ST MTL 6 LYNDE ST PLATTSBURG N Y U S A	B SC 2 WI 1790
LITTLE KATHARINE K ROYAL VICTORIA COLLEGE 10 LINDEN STREET CAMBRIDGE 38 MASS	B A 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LITTLE MARGARET W 3245 CEDAR AVENUE WESTMOUNT QUE	B A 4 WE 2727
LITTLE ROBERT H DAWSON COLLEGE 65 FULLER ST OTTAWA ONT	B ENG CI 2
LITTLEJOHN JOHN GORDON 7508 QUERBES AVE MONTREAL 15 QUE	B ENG MI 3 DO 7548
LITTNER BERNARD HERB 3245 LINTON BLVD APT 10 MONTREAL QUE	B A 4 EX 6995
LITWIN MANUEL 4669 PARK AVE APT 9 MONTREAL 16 VICTORIA ST CAMPBELLTON N B	B SC 3 LA 8895
LIU I DAO CHENG 3567 PEEL ST MONTREAL QUE 274 PRINCE EDWARD RD KOWLOON HONG KONG	B SC 4 LA 6869
LIVERANT HELGA 476 ROSLYN AVE WESTMOUNT QUE	B SC P E 1 EL 3431
LIVERANT HERBERT 476 ROSLYN AVE WESTMOUNT QUE	B COM 1 EL 3431
LIVERPOOL JOSEPH ALBAN DAWSON COLLEGE 5513 1ST AVENUE ROSEMOUNT MONTREAL QUE	B SC 2
LIVERPOOL SAMUEL A DAWSON COLLEGE GEORGETOWN ST VINCENT B W I	B SC 1
LIVINGSTONE DAVID KERR 10 THURLOW ROAD HAMPSTEAD QUE	B A 3 EL 7990
LIVINGSTONE IVAN LEWIS MACDONALD COLLEGE 3586 ETHEL ST VERDUN QUE	B SC AGR 1
LLEWELYN ELWYN MORGAN DAWSON COLLEGE QUE 474 WALNUT AVE ST LAMBERT QUE	B ENG 1
LLOYD ALWYN DAVIES 732 DESAULNIERS BLVD ST LAMBERT QUE	B COM 2
LLOYD MARION E MACDONALD COLLEGE NEWBORO ONT	B SC H E 4
LOBLEY PRUDENCE JENNIFE 154 THORNTON AVE MONTREAL 16 QUE	B A 1 AT 4307
LOCK DOUGLAS ZAU D DAWSON COLLEGE SHANGHAI CHINA	B ENG MC 2
LOCKE ALICE MARY ROYAL VICTORIA COLLEGE 421 LAURIER E OTTAWA ONT	B A 4
LOCKE CHARLET WILBERT 368 MELROSE AVE VERDUN MTL QUE	H SCH DI 5 YO 9985
LOCKE GERALD LORNE 1241 ST MARK ST MTL MONTREAL QUE 122 BEAVER ST BANFF ALBERTA	D D S 2 YO 6161
LOCKETTE PHILIP CAROLAN 69 WICHSTEED AVE TOWN OF MOUNT ROYAL QUE 36 GRACE COURT BROOKLYN N Y U S A	B ENG CI 3 AT 9096

NAME ADDRESS	COURSE & YEAR TEL. NO.
LOCKHART CHESLEY L MACDONALD COLLEGE COLDBROOK STATION KING S COUNTY N S	B SC AGR 4
LOCKHART JOHN ELWOOD R 2035 MAPLEWOOD AVE APT 6 MONTREAL 26 QUE	B COM 4 AT 9344
LOCKWOOD THOMAS MORROW LOCKWOOD CLINIC TORONTO ONTARIO 602 COTE ST ANTOINE RD WESTMOUNT QUE	MED DIPL 4 EL 2218
LODGE CAROL JOY 2433 RUSHBROOKE ST MONTREAL QUE	B A 3 FI 5407
LODS MARGARET ROSS ROYAL VICTORIA COLLEGE MACDONALD COLLEGE	B A 4
LOEBEL PETER BERNARD 657 COTE ST ANTOINE RD WESTMOUNT QUE	B ARCH 1 TE 4557
LOEWENFELD GABRIELLE ROYAL VICTORIA COLLEGE 13 CHESTERTON ROAD CAMBRIDGE ENGLAND	B SC 3
LOFTSSON LOFTUR Y M C A 1443 DRUMMOND ST MONTREAL QUE FJOLNISVEG 16 REYKJAVIK ICELAND	B ENG CH 3
LOGAN ANNA K MACDONALD COLLEGE NAPPAN STATION CUMB COUNTY N S	B SC H E 3
LOGAN BARBARA ANN 4071 OXFORD AVE N D G MONTREAL QUE	B SC P E 1 DE 0204
LOGAN BRUCE HARVEY 243 CARLYLE AVE MONTREAL QUE	B COM 1 AT 4074
LOGAN JOHN HAMILTON DAWSON COLLEGE 243 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B ENG MI 2
LOGAN LAWTHER 3851 UNIVERSITY ST MONTREAL QUE NORTHERN IRELAND	MD CM 4
LONG AUGUSTUS MATTHEW 337 ELM STREET MTL QUE C HAURA ONT	B L S 1
LONG DALE MERRILL DAWSON COLLEGE 1288 COMMONWEALTH AVE ALLSTON MASS U S A	B SC 1
LONG ELIZABETH LOUISE 3578A PEEL ST MONTREAL QUE 10729 123 ST EDMONTON ALBERTA	B N 2 MA 1517
LONG HARRY FELCH 3609 HUTCHISON ST MONTREAL QUE	B A 4 MA 3802
LONG JOHN KENNETH 3355 BARCLAY AVE MONTREAL QUE SYDENHAM AVE P OF SPAIN TRINIDAD BWI	B ENG EL 4
LONG LINDA ROSE 447 PRINCE ALBERT W MONTREAL QUE KELLIHER SASK	B N 1 DE 1671
LONG VIRGINIA A ROYAL VICTORIA COLLEGE 9 CHURCH ST HAMPTON BEACH N H	B SC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LONGLEY EDWARD T PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MC 3
LONGLEY JAMES DONALD 3637 UNIVERSITY ST MONTREAL QUE 2842 BELLEVUE ST MONTREAL QUE	MD CM 2 MA 1736
LOOKER ARTHUR JOHN DAWSON COLLEGE	M SC 2
LOOMER ELIJAH ISAIAH 3485 MCTAVISH ST MONTREAL QUE KINGSPORT KINGS CO N S	M SC 1 BE 0424
LORING JOHN DAWSON COLLEGE ANDOVER BILLERICA MASS U S A	B SC 1
LOS ANTONIOS C 4915 COTE ST CATH RD MONTREAL QUE CHIOS VRONDADES GREECE	B COM 2 EX 4409
LOTT GORDON GATWARD 71 KENASTON AVE TOWN OF MOUNT ROYAL 1157 CLOVELLY TERRACE VICTORIA B C	MD CM 1 AT 5574
LOUDON WARREN LYTLE DAWSON COLLEGE 16 PARKSIDE UNION LAKE MILLVILLE N J	B ENG EL 2
LOUKIDES JR GEORGE 1126 SHERBROOKE ST W MONTREAL QUE 832 MADISON AVE PLAINFIELD N J U S A	B A 2 PL 0010
LOULOUDIS KATHERINE 3315 RIDGEWOOD AVE MONTREAL QUE	B F A 1
LOUNSBURY THORNTON B 5538 DECELLES AVE APT 5 MONTREAL QUE	B ENG EL 4 EX 3164
LOUTTIT HERBERT RONALD 557 BERWICK AVE TOWN OF MOUNT ROYAL QUE	D D S 3 AT 2782
LOVE GORDON DONALD 3581 UNIVERSITY ST MONTREAL QUE 1806 PARK ROAD CALGARY ALTA	B ENG MC 4 MA 3842
LOVE LEONARD SYDNEY 5866 DE NORMANVILLE ST MONTREAL QUE	B ENG CH 3
LOYE ROBERT ALEXANDER DOUGLAS HALL 22 LEARMONTH AVE QUEBEC P Q	MD CM 4
LOWE GRAHAM HOWARD DAWSON COLLEGE 146 BRUNSWICK AVE TORONTO ONT	B SC 1
LOWE DONALD U 2034 PEEL ST MTL QUE 13 CHURCH ST KINGSTON JAMAICA B W I	B ENG CH 4 LA 0838
LOWERY ARNOLD A 6012 PARK AVE APT 9 MONTREAL QUE	B A 4 DO 7765
LOWTHER JOHN STEWART 248 MORRISON AVE TOWN OF MOUNT ROYAL QUE	M SC 1 AT 1051
LUBELL BENJAMIN PETERSON RESIDENCE 25TH AVENUE LACHINE QUE	B C L 3
LUBY THOMAS JOHN APT 27 1452 BISHOP ST MONTREAL QUE PENNIS MASS U S A	MD CM 1
LUCAS BARBARA JOAN ROYAL VICTORIA COLLEGE 5530 FIFTH AVE PITTSBURG PA	B A 1
LUCAS REX ARCHIBALD 3506 UNIVERSITY ST MONTREAL QUE 48 WINEVA AVE TORONTO ONT	M A 2
LUCAS SIDNEY Y M C A 1441 DRUMMOND ST MONTREAL QUE ACKWORTH SCHOOL YORKSHIRE ENGLAND	PARTIAL
LUCHS DAVID DOUGLAS HALL 310 WASHINGTON ST MARIETTA OHIO	MD CM 4
LUCIEN HAROLD W 5607 DUROCHER AVE OUTREMONT QUE 2409 LALITTE AVE NEW ORLEANS LOUISIANA U	PH D 3 VI 1971
LUBIN SHEILA 702 BLOOMFIELD AVE OUTREMONT QUE	B A 1 CA 4562
LUFFER MARK HENRY 4843 DORNAL AVE MONTREAL QUE	B A, 1 AT 3239
LUKAWENKO MICHAEL P 5121 RUE GARNIER MONTREAL QUE	PARTIAL FA 4157
LUKE MORLEY R 80 BROCK AVE N MONTREAL WEST QUE	B ARCH 1 DE 7906
LUKOSIUTE KAROLINA 1124 STEPHEN S ST VERDUN QUE	PHYSIOTH 3 TR 1855
LUM FAI JOHN R 3445 PEEL ST MTL QUE S OROPONCHE TRINIDAD B W I	B A 1
LUMSDEN JOYCE E MACDONALD COLLEGE 31 MAPLESIDE AVE HAMILTON ONT	B SC H E 2
LUNAN HAVELOCK S 3592 UNIVERSITY ST MONTREAL QUE SOREL QUE	B ENG EL 3 PL 2435
LUNDE MAGNUS 1653 LINCOLN AVE MONTREAL QUE	PH D 4
LUNDELL FREDERICK W 521 PRINCE ARTHUR ST W MONTREAL QUE BOX 294 REVELSTOKE B C	MD CM 3 HA 1839
LUNDIE IAN GEORGE W 5327 VERDUN AVE VERDUN QUE	B COM 3 YO 7890
LUNER CHARLES 1513 DUCHARME AVE OUTREMONT QUE	PH D 3 TA 9620
LUNER PHILIP 1513 DUCHARME AVE OUTREMONT QUE	PH D 3 TA 9620
LUNNY JOAN 357 OLIVIER AVE WESTMOUNT QUE	B A 4 WI 2426

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LUSBY MARGOT L ROYAL VICTORIA COLLEGE 120 NORMAN ST SARNIA ONT	B A 4
LUSSIER J ALBERT A 5930 DE LA ROCHE ST APT 3 MONTREAL QUE	B ENG CH 3
LUSSIER JOS ANDRE JEAN 1871 ORLEANS ST MONTREAL 4	B C L 2 FA 3804
LUSTGARTEN LIONEL SOL 1557 DUCHARME AVE OUTREMONT QUE	B SC 2 DO 2147
LUSTGARTEN PETER 6032 PARK AVE MONTREAL QUE	B A 4 TA 9285
LUSTGARTEN SELMA ROSLYN 4877 ROSEDALE AVE N D G MONTREAL QUE ★	B A 3 WA 9172
LYALL HAROLD B 4970 COTE DES NEIGES RD MONTREAL QUE	M SC 1 AT 6509
LYLE WILLIAM HENRY 101 PERCIVAL ST MONTREAL WEST QUE 3987 HUBERT AVE LOS ANGELES 8 CALIF	MD CM 1 DE 7830
LYN MAURICE REGINALD 629 PRINCE ARTHUR ST W MONTREAL QUE MANDEVILLE JAMAICA B W I	D D S 2 MA 0739
LYNAK CORINNE 4810 QUEEN MARY RD APT12 MONTREAL QUE	B A 1 AT 7146
LYNCH LAWRENCE A MACDONALD COLLEGE 4186 NORTHCLIFFE AVE MONTREAL QUE	B SC AGR 3
LYON HELEN F MACDONALD COLLEGE 1441 OAK AVE QUEBEC CITY	B SC H E 1
LYON HALL ROBERT CLAUDE DAWSON COLLEGE 72HF HARBOUR ST KINGSTON JAMAICA B W I	B ENG CI 2
LYONS ANN BARTON ROYAL VICTORIA COLLEGE TROW HILL BARRE VT U S A	B A 3
LYONS DOUGLAS B 3566 ST FAMILLE ST0 MONTREAL QUE 249 BAYSIDE DRIVE ST JOHN N B	B ENG CH 4 PL 2858
LYONS KEVIN CORBETT 406 PINE AVE W APT 33 MONTREAL QUE	B ENG EL 3 LA 8853
LYONS LESLIE A M MACDONALD COLLEGE 148 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 4
LYSOBEJ MYROSLAW 6657 1ST AVE ROSEMONT ROSEMOUNT MONTREAL QUE	B ENG EL 3 VI 5347
LYSTER MILDRED G MACDONALD COLLEGE TRENHOLM QUE	B SC H E 4
LYTLE JAMES ROBINSON 6101 MONKLAND AVE APT 18 MONTREAL QUE CO P M SALTSBURG PA U S A	M A 1 WA 7418
LYTLE MARGARET M MACDONALD COLLEGE 117 SUNNYSIDE AVE OTTAWA ONT	B SC H E 1

M

NAME ADDRESS	COURSE & YEAR TEL. NO.
MCADIE HENRY GEORGE 616 VICTORIA AVE WESTMOUNT QUE	B SC 3 DE 2727
MCADOO MYRA K ROYAL VICTORIA COLLEGE 291 WALNUT AVE ROXBURY MASS	B A 2
MACAFEE ROBERT L MACDONALD COLLEGE SUSSEX N B	B SC AGR 4
MCALLISTER ARNOLD L MACDONALD COLLEGE	PH D 4
MACALLISTER JOHN EDWARD DOUGLAS HALL	B ENG ME 3
MCALLISTER ROBERT J 632 VICTORIA AVE WESTMOUNT QUE	B SC 3 EL 1708
MACALLISTER ROBERT M 331 PINE AVE ST LAMBERT QUE	D D S 4
MCALLISTER W ROSS 4875 MAPLEWOOD AVE MONTREAL	B C L 3 AT 0807
MCALPINE MICHAEL J 1514 CRESCENT ST MTL HOTEL BANCROFT BANCROFT ONT	B ENG CI 4 MA 7457
MCARDLE ALICE HOPE 5555 QUEEN MARY RD MONTREAL	B SC 2 EL 1414
MCARTHUR MARGERY BAKER 30 SPRINGFIELD AVE WESTMOUNT QUE	B A 4 EL 2950
MCARTHUR WILDA JUNE MACDONALD COLLEGE 4 FOUNDRY ST LACHUTE QUE	B SC H E 1
MACASKILL JOAN ISOBEL 260 LOCKHART AVE TOWN OF MOUNT ROYAL 40 HILLCREST AVE ST CATHERINES ONT	B A 4
MACAULAY COLIN A DAWSON COLLEGE 1 PARKSIDE AVE MONTREAL WEST QUE	B ENG 1 WA 2382
MACAULAY DONALD ROBERT 727 ROSLYN AVE WESTMOUNT QUE	B COM 3 EL 5105
MACAULAY DOUGLAS H DAWSON COLLEGE BOX 91 HUDSON HEIGHTS QU	B ENG 1
MACAULAY HARRIET D MACDONALD COLLEGE 31 LAURENTIDE AVE QUEBEC CITY QUE	B SC H E 2
MACAULAY HUGH F 3528 LORNE AVE MONTREAL QUE SOURIS P E I	B COM 3 MA 8825
MACAULAY MARY SEYMOUR ROYAL VICTORIA COLLEGE 252 BUENA VISTA RD OTTAWA ONT	B A 3
MACAULAY THOMAS B RM 13 PRESBYTERIAN COLLE HUDSON HEIGHTS QUE	B ENG MC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCAULEY WILLIAM JOSEPH 3592 UNIVERSITY ST MONTREAL QUE SPENCERVILLE ONT	B COM 3 PL 2435
MCAVOY PATRICK LORNE 4381 WALKLEY AVE MONTREAL QUE	B C L 3 DE 9167
MCBAIN MERVYN N DAWSON COLLEGE QUE LORETTEVILLE R R 2 QUEBEC QUE	B ENG 1
MACBETH ROBERT ALEXANDER 3546 DUROCHER ST APT 9 MONTREAL QUE 10328 121 STREET EDMONTON ALBERTA	MED DIPL 3 BE 1788
MCBRIDE CHARLES MANSON PRESBYTERIAN COLLEGE WATERVILLE KING S COUNTY N S	B SC 3
MCBRIDE JAMES ROSS MOLSON STAD FIELD HOUSE 810 CHILVER RD WINDSOR ONT	B COM 1
MCCABE MARTHA V ROYAL VICTORIA COLLEGE 149 VICTORIA ST SHERBROOKE QUE	B ENG MC 3
MCCAFFREY ROBERT JAMES FORT COVINGTON NEW YORK U S A	B SC 1
MCCAHEY JOAN E 2366 BEACONSFIELD AVE MONTREAL QUE	B A 2 DE 7118
MCCALL JAMES D DAWSON COLLEGE 619 CLARKE AVE WESTMOUNT QUE	B ENG 1 WE 3358
MCCALL MARGARET S 619 CLARKE AVE WESTMOUNT QUE	B A 4 WE 3358
MCCALL PATRICIA A 8 BORDER AVE TOWN OF MOUNT ROYAL QUE	M S W 2 AT 0143
MCCALL RONALD S 2777 HILL PARK CIRCLE MONTREAL QUE	B A 2 FI 6915
MCCALL THOMAS H 3851 UNIVERSITY ST MONTREAL QUE 8 BORDEN AVE TOWN OF MOUNT ROYAL QUE	B ENG CI 4
MCCALLUM COLIN 680 SHERBROOKE ST W MONTREAL QUE MACDONALD COLLEGE QUE ST ANNE DE BELLEVUE QUE	B ENG MC 4 LA 2244
MCCALLUM JOHN DYER R 1490 MCKAY STREET MONTREAL QUE	B A 4
MCCALLUM WILLIAM C 625 WISEMAN AVE OUTREMONT QUE	B SC 3 CA 6972
MCCALLUM WILLIAM IAN 442 CLARKE AVE WESTMOUNT QUE	B COM 4 WE 5570
MACCANDLISH DONALD JOHN 2343 HINGSTON AVE MONTREAL QUE	B ENG MC 4 DE 1503
MCCANSE JOHN B MACDONALD COLLEGE HEMMINGFORD QUE	B SC AGR 3
MCCARTHY EVELYN J A 4100 COTE DES NEIGES RD MONTREAL QUE	B A 2 WI 8053
MCCARTHY ROSINA RAE 4100 COTE DES NEIGES RD MONTREAL QUE	B SC 3 WI 8053
MCCARTHY SHEILA RYAN 362 A GROSVENOR AVE WESTMOUNT QUE	B L S 1 DE 0917
MCCARTHY WALTER JOSEPH 7070 LOUIS HEBERT MTL 62 W MONROE ST LITTLE FALLS N Y USA	B COM 4
MCCARTNEY JEAN G MACDONALD COLLEGE BANFF SPRINGS HOTEL BANFF ALTA	B SC H E 3
MCCARTY ERROL LESLIE 4938 EARNSCLIFFE AVE MONTREAL QUE	B COM 4 EL 0274
MCCARTY RICHARD H 4655 BEACONSFIELD AVE MONTREAL 28 QUE	B ENG 1 WA 8793
MCCAUGHEY GERALD S 7230 CHAMPAGNEUR AVE MONTREAL QUE	B A 3 GR 2543
MCCAW EUGENIA ROYAL VICTORIA COLLEGE DIAMOND POINT NEW YORK U S A	B A 3
MCCAW WILLIAM DAVID G PETERSEN RESIDENCE 25TH AVE LACHINE QUE FORT QU APPELLE SASK	B S W 1
MCCHESNEY JAMES S K DAWSON COLLEGE R R 3 MALTON ONT	B ENG 1
MCCLINTOCK GEORGE B UNITED THEOLOGICAL COLL PRESCOTT ONT	B D 1
MCCLUNG MARK 584 ABERCORN AVE TOWN OF MOUNT ROYAL QUE	PARTIAL AT 9378
MCCONNELL DAVID G 148 ST JOSEPH ST DORVAL QUE	B ENG CH 3 WA 2530
MCCONNEY FLORENCE S MACDONALD COLLEGE 275 GLENCAIRN AVE TORONTO 12 ONT	B SC H E 2
MCCONVEY JAMES 2101 LECLAIRE ST MONTREAL QUE	B COM 2 TU 2411
MCCOOK JAMES MACINNES DAWSON COLLEGE 13 BIRCH AVE MANOR PK OTTAWA ONTARIO	B SC 2
MCCORMICK CATHARINE C 12190 LACHAPELLE STREET CARTIERVILLE QUE	B S W 1 BY 1496
MCCORMICK JAMES N DAWSON COLLEGE 2661 WEHRLE DRIVE WILLIAMSVILLE N Y USA	B SC 1
MCCORRISTON JAMES ROLAND COLUMBIA UNIV COLL 630 WEST 168TH ST N Y 4609 MAPLEWOOD AVE MONTREAL QUE	MED DIPL 4
MCCORRISTON LILA N Y SKIN & CANCER CLIN NEW YORK N Y 4609 MAPLEWOOD AVE MONTREAL QUE	MED DIPL 3 AT 4374

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCCOY JOHN J F 3508 UNIVERSITY ST MONTREAL QUE 605 SECOND ST BROOKLYN 15 N Y U S A	B COM 4 BE 0752
MCCOY JOHN MICHAEL DAWSON COLLEGE 1818 DE BIENCOURT ST MONTREAL 20 QUE	B ENG 1 TR 1887
MCCRAE CHARLES A 483 VICTORIA AVE WESTMOUNT QUE	B COM 4 DE 1038
MACRAKIS NICHOLAS PRESBYTERIAN COLLEGE MONTREAL QUE PSYCHIKO ATHENS GREECE	B ENG CH 3
MCCREADY PHILIP GORDON UNITED COLLEGE 21 GRAHAM AVE OTTAWA ONT	PARTIAL
MCCRUDDEN WILLIAM G DAWSON COLLEGE 734 UPPER BELMONT AVE WESTMOUNT QUE	B ENG 1 EL 4734
MCCUAIG JAMES A 1441 DRUMMOND ST MTL 144 COLLEGE ST PORT ARTHUR ONT	M SC 1
MCCUBBIN GEORGE M DAWSON COLLEGE 23 MOUNT PLEASANT AVE VALOIS QUE	B ENG 1
MCCULLOCH ELSIE JEAN 3515 LORNE AVE APT 2 MONTREAL QUE R R 4 PAISLEY ONT	B A 4 MA 8249
MCCULLOGH KENNETH B 4620 MARCIL AVE MONTREAL 28 QUE	B ENG ME 3 EL 1601
MCCULLOUGH ARTHUR J 3508 UNIVERSITY ST MTL C O MRS P STREETER ROTHESAY PARK N B	B COM 3 HA 4873
MCCULLY JAMES JOSEPH 436 LAFLEUR ST VILLE LASALLE QUE	B SC 3 EL 8581
MCCUNE GORDON A 3592 UNIVERSITY ST MONTREAL QUE ROCK ISLAND QUE ★	B ENG CI 4 PL 2435
MCCUTCHEON MARTHA ANN 342 LANSDOWNE AVE WESTMOUNT QUE ★	B A 4 EL 9884
MCDERMID FLORENCE E MACDONALD COLLEGE BOX 57 BUCKINGHAM QUE	B SC H E 4
MCDERMID NEIL WATT 6257 2ND AVE ROSEMOUNT MONTREAL QUE	B ENG MC 4 DO 3004
MCDERMOT HENRY LLOYD 55 ELLA STREET OTTAWA ONTARIO	PH D 3
MACDERMOT KATHARINE P 4100 COTE DES NEIGES RD MONTREAL QUE	B SC 2 FI 2774
MACDERMOT MARY E ROYAL VICTORIA COLLEGE 2 BELVEDERE CRESCENT OTTAWA ONT	B F A 1
MCDIARMID WILLIAM B 4367 DRAPER AVE N D G MONTREAL QUE	B COM 2 WA 6047
MACDONALD ADOLPHUS G MACDONALD COLLEGEQUE	B SC AGR 3
MCDONALD ALEXANDER W 3564 SHUTER ST APT 20 MONTREAL QUE BOX 41 DALHOUSIE STATION QUE	MD CM 4 HA 3048
MACDONALD ALEXANDER G DAWSON COLLEGE QUE	B ENG EL 2
MACDONALD ALLISON DAVID 138 BROUGHTON AVE MONTREAL QUE	MED DIPL 4 DE 2684
MCDONALD ANGUS J 3507 UNIVERSITY ST MONTREAL QUE HARRISONS CORNER ONT	B ENG MC 3
MACDONALD BARBARA A J MACDONALD COLLEGE 136 BREEZEHILL AVE OTTAWA ONT	B SC H E 2
MACDONALD CECIL M 418 PINE AVE WEST MONTREAL QUE	GR N CER 1 PL 8862
MACDONALD DONALD ARTHUR 545 PINE AVE WEST MTL 555 NORTH RD NEW WESTMINSTER B C	MD CM 2 MA 1545
MACDONALD EDWARD RONALD 74 REDPATH AVE TORONTO ONT	B SC 3
MCDONALD GEORGE CROSS 43 THORNTON AVE TOWN OF MOUNT ROYAL QUE	B C L 3 AT 9141
MACDONALD GORDON EWIN 494 ELM AVE MTL 464 EAST 21ST AVE VANCOUVER B C	D D S 4 FI 7165
MACDONALD JAMES SMITH 4211 ST CATHERINE ST W WESTMOUNT QUE	B SC 3 WE 1515
MACDONALD JOHN A 8154 DUROCHER ST MONTREAL QUE	B ENG EL 4 CR 2048
MACDONALD JOHN BERNARD 6031 DES ERABLES AVE MONTREAL QUE 47 TRINITY AVE SYDNEY N S	MD CM 3 CR 3470
MACDONALD JOHN KENNETH 3561 HUTCHISON ST MONTREAL QUE LOWER NEWCASTLE N B	B ENG EL 4 LA 0564
MACDONALD KATHLEEN T 3480 ONTARIO AVE MONTREAL QUE MAIN ST ANTIGONISH N S	B S W 1 PL 0044
MACDONALD KENYON FRANCIS DAWSON COLLEGE 1414 DRUMMOND ST MONTREAL QUE	B SC 2
MACDONALD MALCOLM HUGH 3617 LORNE CRESCENT MONTREAL QUE 915 UNIVERSITY DRIVE SASKATOON SASK	MD CM 3 LA 8013
MCDONALD MARGARET A MACDONALD COLLEGE 377 ROSLYN AVE WESTMOUNT QUE	B SC H E 2
MACDONALD MARGARET LILY 2057 PATRICIA AVE MONTREAL WEST QUE	B A 4 EL 2174

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCDONALD MARILYN MACDONALD COLLEGE 4940 PONSARD AVE MONTREAL QUE	B SC H E 2
MACDONALD MARJORIE H MACDONALD COLLEGE 7485 DE L EPEE AVE PARK EXTENSION QUE	TCH ELEM 1
MCDONALD MARY ALICIA 3570 SHUTER ST MONTREAL QUE HARRISON CORNERS ONT	PARTIAL PL 3705
MACDONALD MARY C MCLENNAN HALL 3 MAY ST GLACE BAY N S	M S W 2
MCDONALD MELVIN C 6367 TRANS ISLAND AVE MONTREAL QUE 166 11 AVE COCHRANE ONT	B ENG CI 4 EX 6858
MACDONALD MYLES 4090 ROYAL AVE MONTREAL QUE 400 GLOUCESTER ST OTTAWA ONT	M S W 1 WA 1156
MACDONALD NEIL PETERSON RESIDENCE 407 SO 1ST AVE MT VERNON N Y USA	B COM 3
MCDONALD PAUL FRANCIS 2095 LINCOLN AVE MONTREAL QUE CHAPEAU QUE	B C L 3 WI 5383
MCDONALD ROBERT C 3544 DECARIE BLVD MONTREAL 28 QUE	B ENG MI 3 WA 3309
MACDONALD ROBERT JOHN 413 5TH AVE VERDUN QUE GOULD QUE	B COM 2 YO 4475
MACDONALD ROD MACDONALD COLLEGE GABARUS NOVA SCOTIA	B SC AGR 4
MACDONALD ROSS C MACDONALD COLLEGE 267 SOUTH ST GLACE BAY N S	B SC AGR 4
MACDONALD THOMAS 15 BRUNET AVE POINTE CLAIRE QUE	MD CM 4
MACDONALD VIRGINIA K ROYAL VICTORIA COLLEGE BOX 2279 R R 1 PENTICTON B C	B SC 4
MCDONELL DONALD JAMES 401 ST CATHERINE RD MTL 308 FIRST ST WEST CORNWALL ONT	B SC 3
MACDONELL IAN ALLAN DAWSON COLLEGE 4868 COTE DES NEIGES RD MONTREAL QUE	B ENG 1
MCDONNELL CHARLES EDWARD 521 PRINCE ARTHUR ST W MONTREAL QUE 1987 SALISBURY AVE NEW WESTMINSTER B C	MD CM 3 HA 1839
MCDONOUGH SHEILA DOREEN ROYAL VICTORIA COLLEGE 2560 COTSWOLD RD VICTORIA B C	B A 2
MCDOUGALL ARTHUR DAWSON COLLEGE 1082 STE CECILE ST THREE RIVERS QUE	B ENG CI 1
MCDOUGALL DAVID JAMES 12 MELBOURNE AVE WESTMOUNT QUE	PH D 2 FI 6988
MCDOUGALL GORDON 1648 SHERBROOKE ST W MONTREAL QUE 1082 ST CECILE ST THREE RIVERS QUE	B ENG MC 3 YO 5735
MACDOUGALL JAMES I MACDONALD COLLEGE R R 1 ANTIGONISH NOVA SCOTIA	B SC AGR 3
MACDOUGALL HARTLAND M DAWSON COLLEGE SARAQUAY QUE	B ENG 1
MACDOUGALL LORNA E SARAQUAY QUE	B A 3
MCDOUGALL ROBERT ANGUS 1520 STANLEY APT 35 MONTREAL QUE 453 BRENNAN AVE OTTAWA ONT	B A 2 PL 8594
MCDOUGALL ROSAMOND A 32 NOLTON AVE WESTMOUNT QUE	B A 3 WI 0233
MCDOUGALL THOMAS GERALD 5693 HUTCHISON ST MTL MONTEBELLO QUEBEC	B COM 1 TA 3158
MCDOUGALL WILLIAM R 1648 SHERBROOKE ST W MONTREAL QUE 1082 ST CECILE ST THREE RIVERS QUE	B ENG CH 3 YO 5735
MCDOWELL EDITH F MACDONALD COLLEGE SHAWVILLE QUE	TCH ELEM 1
MACEACHERN KENNETH A 3656 PARK AVE MTL 34 ORLEBAR ST CHARLOTTETOWN P E ISLAND	D D S 2 MA 7286
MACEACHERON JAMES F 213 BONACCORD STREET MONCTON N B	B L S 1
MCEACHRAN SHEILA M 3119 WESTMOUNT BLVD MONTREAL 6 QUE	B A 1 FI 7240
MCENIRY GERALD F MACDONALD COLLEGE 98 FIELDFAIR AVE BEAUREPAIRE QUE	B SC AGR 2
MACEWAN DOUGLAS WILLIAM 3534 UNIVERSITY ST MONTREAL QUE	MD CM 2 LA 9012
MACEWAN JOHN ROSS 3534 UNIVERSITY ST MONTREAL QUEBEC	PARTIAL LA 9012
MCEWEN FREEMAN L 6 KENT AVE STE ANNE DE BELLEVUE QUE BRISTOL P E I	B SC AGR 4
MACEWEN GERTRUDE ELAINE BOX 336 BUCKINGHAM QUE	B SC H E 1
MCEWEN MURRAY D MACDONALD COLLEGE ORMSTOWN QUE	B SC AGR 2
MCEWEN ROBERT WILSON HALL CARLETON PLACE ONTARIO	MD CM 1
MCFALL S ERIC 1308 ST CATHERINE ST W MONTREAL 25 QUE	B ENG ME 3 PL 6327

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCFARLAND HAROLD M 2505 VAN HORNE AVE APT 1 MONTREAL QUE	B SC 3 EX 3829
MACFARLANE ANDREW R 121 BANNANTYNE AVE NORTH MONTREAL WEST QUE	B ENG 1 DE 0415
MACFARLANE ANGUS MCK 105 FIFTH AVE VERDUN QUE	H SCH DI 5 YO 9698
MCFARLANE BRUCE ARNOLD 66 KING GEORGE BLVD CROYDON QUE	B A 3
MCFARLANE DOUGLAS VERNON 66 KING GEORGE BLVD CROYDON QUE	MD CM 3
MACFARLANE HUGH MURRAY 3420 UNIVERSITY ST MONTREAL QUE	PH D 4
MACFARLANE JOHN ANGUS 538 PRINCE ARTHUR ST W MONTREAL QUE 40 SQUIRE ST NEW LONDON CONN U S A	B ENG PH 3 PL 6039
MCFARLANE MARY DOREEN 4883 CONNAUGHT AVE MONTREAL QUE	B SC 1 WA 8035
MACFARLANE MONA AYLMER 461 MOUNT PLEASANT AVE WESTMOUNT QUE	B SC 3 WI 0359
MCFEAT TOM F S PETERSON RESIDENCES 25TH AVE LACHINE QUE	B A 4
MCFEETERS IRENE E MACDONALD COLLEGE 18 ATLANTIC AVE HAWKESBURY ONT	TCH INT 1
MCGARRY ELEANOR E 4023 GREY AVE MONTREAL QUE	M SC 1 EL 3289
MCGEE GEORGE PAUL 40 ST JOSEPH ST LACHINE QUE	MD CM 3
MCGEE HUBERT ALLEN 3445 PEEL ST MONTREAL QUE 70 JOFFRE STREET SHERBROOKE QUE	B COM 4 HA 9462
MCGERRIGLE DOUGLAS J MACDONALD COLLEGE HUNTER ST HUNTINGDON QUE	B SC AGR 2
MCGHEE AGNES CHARLOTTE ROYAL VICTORIA COLLEGE BRIERCREST SASK	PHYSIOTH 2
MCGHEE NORMAN LEROY DAWSON COLLEGE 1229 EAST BLVD CLEVELAND OHIO U S A	B SC 2
MCGHIE BARBARA J MACDONALD COLLEGE 5 HILLCREST AVE ST CATHERINES ONT	B SC H E 3
MCGIBBON DONALD STEWART 3581 UNIVERSITY ST MONTREAL 27 MCGILL ST HAWKESBURY ONT	B COM 3
MCGIBBON JAMES IAN 718 HARTLAND AVE OUTREMONT QUE	B ENG MC 3 AT 1969
MCGILL GEORGE H 2196 HAMPTON AVE MONTREAL 28 QUE	B ENG 3 WA 6116
MCGILL JOHN WILLIAMSON 4 GRENVILLE AVE WESTMOUNT QUE	B ENG 1 EL 2811
MCGILL WILLIAM RICHARD PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG 3
MCGILLIS DONALD THOMAS 713 CHAMPAGNEUR AVE OUTREMONT QUE	B ENG EL 3 DO 2995
MCGILLIVRAY CAROL L 3449 SHUTER ST APT 9 MONTREAL QUE BOX 510 KAMLOOPS B C	PHYSIOTH 2 BE 4535
MCGILLIVRAY KATHERINE ROYAL VICTORIA COLLEGE 526 SYDNEY ST N CORNWALL ONT	B A 2
MCGILLIVRAY RUSSELL G 47 KING S RD VALOIS QUE	B A 3
MCGILTON GORDON LEONARD 7010 SHERBROOKE ST W MONTREAL QUE STANSTEAD QUE	B A 2 DE 8450
MCGILVERY JAMES D 5507 14TH AVENUE ROSEMOUNT MONTREAL QUE	PH D 3 HO 5445
MCGLASHAN PHYLLIS MAE 1013 1ST AVE VERDUN QUE	H SCH DI 5 YO 9828
MCGOUN GEORGE ALEXANDER 246 REDFERN AVE WESTMOUNT QUE	B C L 3 WE 3969
MCGOUN PATRICIA GRAHAM 246 REDFERN AVE WESTMOUNT QUE	PHYSIOTH 3 WE 3969
MCGOVERN EDWARD PARK PETERSON RESIDENCE 25TH AVE LACHINE QUE RICHMOND QUE	B COM 4
MCGOVERN JOHN RICHARD 2192 DORCHESTER ST W MONTREAL QUE	B ENG EL 3 WE 3948
MACGOWAN DOUGLAS G DAWSON COLLEGE 25 MONCTON AVE APT 3 QUEBEC CITY QUE	B ENG MC 2
MCGOWAN KENNETH 306 PINE AVE ST LAMBERT QUE	B SC P E 1
MCGOWN JAMES 4608 OXFORD AVE MONTREAL QUE 340 FARREL ST PENTICTON B C	B ENG MC 3 DE 2260
MCGRAIL KENNETH WILLIAM 7717 CENTRAL AVE VILLE LASALLE QUE	B ENG EL 4 TR 5528
MCGRATH BRIAN C 3819 ST URBAIN ST MONTREAL QUE HR GRACE NEWFOUNDLAND	B ENG MC 4 LA 7623
MCGRATH MARTHA LYTLE 4400 OLD ORCHARD AVE MONTREAL QUE CHURCH ST WESTVILLE N S	B A 4 WA 5054
MCGRAW ROBERT L 4329 KING EDWARD AVE MONTREAL QUE 31 ADA AVE BRANTFORD ONT	B COM 3 EL 1020

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCGREGOR CATHERINE A MACDONALD COLLEGE 5418 COOLBROOKE AVE MONTREAL 29 QUE	TCH INT 1
MACGREGOR KATHLEEN P MACDONALD COLLEGE 191 GEORGE ST NEW GLASGOW N S	B SC H E 4
MACGREGOR MARION JEAN 400 KENSINGTON AVE WESTMOUNT QUE 191 GEORGE ST NEW GLASGOW N S	B A 4 WI 9675
MCGREGOR NEIL 1621 DUCHARME AVE OUTREMONT MTL QUE	B SC P E 3 CA 3826
MCGREGOR ROBERT YORK 3478 MCTAVISH ST MONTREAL QUE 68 HAMILTON AVE CHATEAUGUAY HEIGHTS QUE	B COM 2 PL 7412
MCGREGOR WILLIAM H MACDONALD COLLEGE 11 ROSLYN AVE OTTAWA ONT	B SC AGR 4
MCGUIGAN BRIAN J DAWSON COLLEG 4328 COOKBROOK AVE MONTREAL QUE	B ENG 1 EL 7487
MCGUIRE ROBERT M DOUGLAS HALL 215 SYDNEY ST CORNWALL ONT	B SC 3
MCHAFFIE GERALD R MACDONALD COLLEGE MORRISBURG ONT R R 1	B SC AGR 1
MCHALE CHARLES OLIVER 3565 PARK AVE MTL 65 ADAMS ST ROCHESTER N Y U S A	B A 4 LA 9481
MACHIDA GEORGE DAWSON COLLEGE 4910 SHERBROOKE ST W WESTMOUNT QUE	B ENG 1
MACHLOVITCH SEYMOUR 3748 KENT AVE MONTREAL QUE	B COM 2
MACHUTCHIN GRAHAM J DAWSON COLLEGE QUE 229 DENISON AVE GRANBY QUE	B ENG EL 2
MACINNIS MICHAEL VINCENT 3462 STE FAMILLE ST MONTREAL QUE 42 CAMPBELL ST SYDNEY N S	MD CM 2 HA 1719
MACINTOSH CHARLES R DAWSON COLLEGE 137 TARA HALL AVE MONTREAL QUE	B ENG 1
MACINTOSH DONALD JOSEPH MTL GEN HOSP LISMORE PICTOU CO NOVA SCOTIA	MED DIPL 1
MCINTOSH HAMISH WILLIAM 459 CLARKE AVE WESTMOUNT MTL QUE	MED DIPL 4 FI 4868
MCINTOSH IAN MACK DAWSON COLLEGE 46 PRICE ST KENOGAMI QUE	B SC 2
MACINTYRE ALEXANDER A PETERSON RESIDENCE 25TH AVE LACHINE QUE	B C L 2
MCINTYRE EDMUND HUGH DAWSON COLLEGE ULVERTON QUE	B ENG 1
MCINTYRE JOHN DUNCAN UNITED THEOLOGICAL COLL 3329 LINWOOD AVE VICTORIA B C	MD CM 3
MACIVER MARY AGNES 579 CHAMPAGNEUR AVE OUTREMONT QUE	B A 3 DO 2953
MACIVER MURDO 7774 WISEMAN AVE MONTREAL P O BOX 166 SCOTSTOWN QUE	B SC 3 CA 4587
MACIVER WALTER ERNEST 7767 CHAMPAGNEUR AVE MONTREAL QUE	B COM 3 CA 2559
MACK WILLIAM R 4386 MONTROSE AVE WESTMOUNT QUE 133 SYDNEY ST CORNWALL ONT	B ARCH 2 WE 5486
MACKAY GERALD DUNCAN DAWSON COLLEGE 1455 ORLEANS MONTREAL QUE	B ENG CI 2
MACKAY HELEN K 4251 HAMPTON AVE MONTREAL QUE WOODSTOCK ONT	B N 2 DE 8395
MCKAY HUNTLY WALKER F WILSON HALL HEMMINGFORD QUE	M A 1
MCKAY IAN ALBERT 3451 OXFORD AVE MONTREAL QUE	H SCH DI 5 DE 4182
MACKAY JOHN AGNET 770 UPPER BELMONT AVE WESTMOUNT QUE	MD CM 1 EL 5089
MACKAY JOHN LACHLIN 3581 UNIVERSITY ST MONTREAL QUE 17516 CHARLES ST GROSSE POINTE MICH U S A	B COM 4 MA 3842
MACKAY JOHN R 2425 MARIETTE AVE MONTREAL 28 QUE	B ENG MC 3 DE 5155
MCKAY KEENAN REGINALD 140 LA FLEUR ST VILLE LA SALLE QUE 138 CORDOVA ST WINNIPEG MAN	B ENG MC 4
MACKAY KENNETH C 1490 FORT ST MONTREAL QUE	B C L 3 WE 9358
MACKAY MARGARET LUCIA 5192 DECARIE BLVD APT 14 MONTREAL QUE HANEY B C	B A 4 EL 7435
MACKAY ROBIN 770 UPPER BELMONT AVE WESTMOUNT QUE	B A 3 EL 5089
MACKAY WILLIAM G 484 PRINCE ARTHUR ST MONTREAL QUE NASSAU BAHAMAS	B SC 3 BE 7230
MCKEAGE BYRON MUNN 1979 NOTRE DAME ST W MONTREAL QUE ROCK ISLAND QUE	B A 3
MACKECHNIE JAMES D MACDONALD COLLEGE WYMAN QUE	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCKEE DOUGLAS A 435 GROSVENOR AVE APT 5 MONTREAL QUE	M ENG 1 DE 6828
MCKEE NORMA EILEEN 24 WICKSTEED AVE TOWN MOUNT ROYAL	GR N CER 1 AT 2650
MACKELL PETER ROBERT D DOUGLAS HALL 119 POWELL AVENUE OTTAWA ONT	B C L 2
MACKELLAR JAMES 4658 ROSLYN AVE MONTREAL QUE	B ENG CH 3 WA 3179
MACKENZIE AGNES 2238 BELGRAVE AVE N D G MONTREAL QUE	M SC 2 EL 2925
MACKENZIE ALEXANDER W 465 MOUNT STEPHEN AVE WESTMOUNT QUE	B ENG MC 3 DE 7574
MACKENZIE DAVID B S 572 GROSVENOR AVE WESTMOUNT QUE	B C L 2 EL 9306
MACKENZIE DONALD C DAWSON COLLEGE QUE POST BOX 841 MEXICO D F MEXICO	B ENG 1
MACKENZIE DONALD EDWARD 347 5TH AVE VILLE LASALLE QUE	B C L 2 HE 1970
MACKENZIE FERGUSON 4129 WESTERN AVE WESTMOUNT QUE	L MUS 3 WI 7221
MCKENZIE GEOFFREY G WILSON HALL	B COM 2
MACKENZIE JAMES R DAWSON COLLEGE 20 BEULAH AVE HAMILTON ONT	B SC 1
MACKENZIE KENNEDY G DAWSON COLLEGE C O BANK OF MONTREAL VICTORIA B C	B ENG 1
MACKENZIE HELEN LOIS 555 SHERBROOKE ST W MONTREAL QUE BOX 103 SCOTSTOWN QUE	B A 2
MACKENZIE ISABELLE FLORA APT 61 3515 DUROCHER ST MONTREAL QUE 506A SIXTH AVENUE MEDICINE HAT ALBERTA	GR N CER 1 MA 1734
MACKENZIE MARION BETSY 2148 NORTHCLIFFE AVE MONTREAL QUE 506A 6TH AVE MEDICINE HAT ALBERTA	B N 2 DE 3318
MACKENZIE MARY CAROLE 4058 GREY AVE N D G MONTREAL QUE	B A 4 WA 5514
MCKENZIE MARY E 1227 SHERBROOKE ST W APT 52 MONTREAL 25 QUE	B A 3 LA 4889
MACKENZIE RICHARD KEITH 2467 MAPLEWOOD AVE APT 4 MONTREAL QUE	B SC 3 AT 3953
MACKENZIE ROBERT GORDON QUEEN MARY VET S HOSP 8 LOUISE ST TRURO N S	MED DIPL 1 AT 9481
MACKENZIE SUSAN M E ROYAL VICTORIA COLLEGE 5502 PRESIDENT S ROW VANCOUVER B C	B A 2
MACKENZIE WILLIAM B 3506 UNIVERSITY ST MONTREAL QUE 300 1ST AVE APT 5D N Y 9 N Y U S A	B ENG MC 4
MCKEOWN JAMES HUGH 735 UPPER BELMONT AVE WESTMOUNT QUE	B COM 3 EL 6054
MCKERNS KENNETH W 282 MANNING AVE VERDUN QUE EDMONTON ALBERTA	PH D 4 HE 3846
MCKERRICHER DONALD E 3581 UNIVERSITY ST MTL 1749 COLLINGWOOD ST VANCOUVER B C	MD CM 4 MA 3842
MACKEY ARTHUR GERRANS 3653 UNIVERSITY ST MTL 340 MACLAREN ST OTTAWA ONTARIO	MD CM 2 PL 2073
MACKIE MARION A MACDONALD COLLEGE RATHFERN WHITEABBEY BELFAST N IRELAND	B SC AGR 2
MCKILLICAN MARY E 3651 DUROCHER ST MTL EXPERMINTAL FARM OTTAWA ONT	PH D 3
MACKIMMIE JOHN CRAWFORD 3485 MACTAVISH ST MONTREAL QUE LACHUTE QUE	MD CM 2 BE 0424
MCKINLEY WILLIAM P MACDONALD COLLEGE QUE	B SC AGR 4
MACKINNON DONALD R 158 SANFORD AVE ST LAMBERT QUE	B A 2
MCKINNON JOHN P MACDONALD COLLEGE R R 1 RICHMOND P E I	B SC AGR 4
MACKINNON MAIRI RUTH 660 GROSVENOR AVE WESTMOUNT QUE	B SC 3 EL 3076
MACKINNON MARGARET ROYAL VICTORIA COLLEGE 324 SPADINA RD TORONTO 10 ONTARIO	MD CM 1
MACKINNON MARY J M MACDONALD COLLEGE NAPANEE ONT	B SC H E 4
MCKINSTRY LOIS P MACDONALD COLLEGE 1401 SHERWOOD CRESCENT TOWN OF MOUNT ROYAL QUE	HOMEMAKE 1
MCINTOSH ANN MARILYN ROYAL VICTORIA COLLEGE 29 CATHARINE ST PORT COLBORNE ONT	B SC 1
MACKINTOSH JAMES RAMSAY 4015 WILSON AVE MONTREAL 28 QUE	B COM 4 WA 6854
MCKIRDY HELEN G MACDONALD COLLEGE 547 S SYNDICATE AVE FORT WILLIAM ONT	B SC H E 2
MCKNIGHT PATRICIA JEAN 4743 COOLBROOK AVE N D G MONTREAL QUE	B A 3 EL 6628
MACKROW JOHN PERCY PETERSON RESIDENCE 271 HIGHLAND AVE FORT ERIE N ONT	B A 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACLACHLAN CLAUDE V 215 RIELLE ST VERDUN QUE 149 LONDON ROAD GUELPH ONT	B ENG EL 4 YO 6179
MACLACHLAN WILLIAM R 4050 RIDGEVALE AVE APT 9 MONTREAL QUE MARBLE MOUNTAIN CAPE BRETON N S ★	B ENG MC 3
MCLAREN CATHERINE L 274 HAWTHORNE AVE LONGUEUIL QUE	B SC 3
MCLAREN IAN ALEXANDER 4890 MAYFAIR AVE N D G MONTREAL QUE	B SC 2
MACLAREN JANE ANNE 220 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 3744
MACLAREN JANET OTTILIE ROYAL VICTORIA COLLEGE BUCKINGHAM QUE	B A 3
MACLAREN MARGARET H ROYAL VICTORIA COLLEGE 270 BUCHAN ROAD ROCKLIFFE OTTAWA ONT	B A 3
MCLAREN PHILIPPA DOANE ROYAL VICTORIA COLLEGE 284 CHAPEL ST OTTAWA ONT	B A 4
MACLAREN WILLIAM G 5425 TRANS ISLAND AVE MONTREAL QUE 3879 S W MARINE DR VANCOUVER B C	B ENG CI 4 EL 3773
MCLATCHIE ROBERT S 419 PRINCE ARTHUR ST W MONTREAL QUE 48 GWYNNE ST OTTAWA ONT	B ENG CI 4
MCLAUGHLIN ELIZABETH 4870 COTE DES NEIGES RD MONTREAL QUE	M S W 1 EX 1032
MCLAUGHLIN HARRY A L MACDONALD COLLEGE R R 3 LAWRENCETOWN ANNA COUNTY N S	B SC AGR 3
MCLAUGHLIN VICTOR DAVE 545 PINE AVE W PARRSBORO NOVA SCOTIA	MD CM 2 MA 1545
MCLAUGHLIN WALTER E PETERSON RESIDENCE 1 COTE DE LA MONTAGNE ST EDMUNDSTON N B	B COM 3
MACLAURIN STEWART M 5849 MC LYNN AVE N D G MONTREAL QUE	B ENG CI 3 AT 6805
MCLEAN ANGUS ROBERT 4255 DUPUIS AVE MONTREAL QUE	B COM 4
MACLEAN CATRIONA D 1200 MACKAY ST MONTREAL QUE	B SC 4 FI 4562
MACLEAN DAVID A 39 DUFFERIN RD HAMPSTEAD QUE FLAT RIVER P E I	B COM 3 DE 7024
MACLEAN DONALD F 6101 SOMERLED AVE N D G MONTREAL QUE	B ENG MC 3 DE 7186
MACLEAN DONALD WARDROPE DAWSON COLLEGE 381 GROSVENOR AVE WESTMOUNT QUE	B SC 2 DE 5090
MCLEAN ERIC HOWARD MAC DONALD COLLEGE CALGARY ALTA	PARTIAL
MACLEAN GEORGENA P 80 HILLCREST AVE MONTREAL WEST QUE	H SCH DI 5 DE 7531
MACLEAN HUGH ARMSTRONG DOUGLAS HALL 75 DUNVEGAN ST TORONTO ONT	B A 1
MACLEAN JAMES GILLIS MTL GENERAL HOSPITAL MONTREAL QUE	MED DIPL 3
MCLEAN JOAN ELIZABETH 440 MOFFAT AVE VERDUN QUE	B SC 1 TR 7547
MACLEAN MAIRI M 1200 MACKAY ST MONTREAL QUE	B SC 4 FI 4562
MCLEAN MARGARET JEAN 7929 DE L EPEE AVE MONTREAL QUE	B A 1 CA 4389
MCLEAN MARIE JOSEPHINE 440 MOFFAT AVE VERDUN QUE	B SC 3 TR 7547
MCLEAN MARY MACDONALD COLLEGE 2636 ST ZOTIQUE ST MONTREAL QUE	TCH ELEM 1 TA 3398
MACLEAN RICHARD MICHAEL DAWSON COLLEGE 15 BON ACCORD RD POINTE A PIERRE TRINIDAD	B SC 1 I
MACLEAN VERNON W MACDONALD COLLEGE STANLEY BRIDGE P E I	B SC AGR 4
MACLEISH ELIZABETH ANN 1537 BURNSIDE PLACE MONTREAL 28 QUE	B SC 2 EL 4543
MCLEISH JOHN WILFRED DAWSON COLLEGE 1265 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B ENG 1 AT 2755
MACLEISH MARGARET H 1537 BURNSIDE PLACE MONTREAL QUE	B SC 2 FI 4543
MCLEISH WALTER M 3534 MOUNTAIN ST MONTREAL 25 QUE	B ENG CI 4 HA 0436
MCLELLAN BRUCE G MACDONALD COLLEGE RIVER PHILIP CTR CUMB COUNTY N S	B SC AGR 4
MACLELLAN CHARLES R MACDONALD COLLEGE R R 2 ST CATHERINES ONT	B SC AGR 4
MCLELLAN LOIS E 886 RIVE BOISEE STE GENEVIEVE DE PIERREF	M A 2 UE
MCLELLAN ROBERT ALAN 545 PINE AVE W MONTREAL QUE 15 GRENFELL AVE SWASTIKA ONTARIO	MD CM 2 MA 1545
MACLELLAN ROBERT S 116 STRATH AVE TORONTO 9 ONT	B A 2
MACLENNAN DONALD A 4195 RICHELIEU ST MONTREAL 30 QUE	B SC 4 WE 4382
MACLENNAN DONALD S MACDONALD COLLEGE	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCLENNAN DOROTHY G ROYAL VICTORIA COLLEGE 6011 SPERLING ST VANCOUVER B C	B SC 1
MCLENNAN ELIZABETH W 1540 MC GREGOR ST MONTREAL QUE	B SC 4 FI 1617
MCLENNAN HUGH 3260 BARCLAY AVE MONTREAL QUE	PH D 2 EX 6901
MACLENNAN MARGARET A 260 BERWICK AVE TOWN OF MOUNT ROYAL	B A 1 AT 3266
MACLEOD ANN CAROL 683 GROSVENOR AVE WESTMOUNT QUE	B A 3 DE 3012
MACLEOD CHARLOTTE LORNA 683 GROSVENOR AVE WESTMOUNT QUE	B A 2 DE 3012
MACLEOD DONALD CECIL 477 PRINCE ARTHUR MONTREAL QUE	B C L 1 BE 0024
MCLEOD DONALD E 2202 ADDINGTON AVE N D G MONTREAL QUE	B SC 3 DE 5360
MACLEOD DOROTHY M MCLENNAN HALL MTL 1529 WESTERN CRESCENT VANCOUVER B C	B L S 1
MCLEOD HECTOR IVAN 3589 LORNE AVE MTL QUE 36 KELLY ST MEGANTIC QUE	D D S 3 BE 6712
MCLEOD HUGH NORMAN DEPT OF PSYCHOLOGY 43 GLENAYN RD TORONTO ONT	PARTIAL
MCLEOD JAMES ALEXANDER 1626 ST JOSEPH ST LACHINE QUE	D D S 4
MACLEOD JAMES WILLIAM 257 FERGUSON AVE CAPREAL ONT	B L S 1
MACLEOD MALCOLM HUGH 3609 UNIVERSITY ST DOBIE ONT	B ENG MI 4 LA 6307
MACLEOD MARION JEAN ROYAL VICTORIA COLLEGE FINCH ONT	B COM 1
MACLEOD MARY M MACDONALD COLLEGE 140 TEMPERANCE ST NEW GLASGOW N S	B SC H E 1
MCLEOD RACHEL JESSIE 562 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 0609
MCLEOD RACHEL JOANNA 528 ARGYLE AVE WESTMOUNT QUE	B A 1 WE 1333
MCLEOD ROBERT GORDON 3240 MAPLEWOOD AVE MTL 251 KING ST E SAINT JOHN N B	B COM 2 AT 2745
MCLETCHIE UNIE RAE 746 CHAMPAGNEUR AVE OUTREMONT QUE	B A 2 CR 2056
MACLURE KENNETH CECIL 3465 RIDGEWOOD AVE MONTREAL QUE	PH D 2 EL 3803
MCMEEKAN FLORENCE JEAN 346 VICTORIA AVE MONTREAL QUE 247 PACIFIC AVE TORONTO ONT	B SC 4 EL 9746
MCNICOLL DIANNE BELL 148 COTE ST ANTOINE RD MONTREAL QUE	B A 1 FI 9012
MCMILLAN ALLAN KENNETH 640 6TH AVE VERDUN QUE	B ENG CH 3 YO 0192
MACMILLAN AUDREY E M 45 PERREAULT AVE ST ANNE DE BELLEVUE QUE FAIRVIEW P E I	B SC AGR 3
MACMILLAN CHARLES C 4330 SHERBROOKE ST W APT 15 WESTMOUNT QUE	B SC 3 FI 7420
MCMANUS GERALD 6383 CHATEAUBRIAND MONTREAL QUE	B A 2 TA 0970
MCMILLAN DOUGLAS GILBERT 35 A GRAND MOULIN RD ST EUSTACHE SUR LE LAC	MD CM 4 EL 2453
MACMILLAN DUNCAN R 4330 SHERBROOKE ST W APT 15 WESTMOUNT QUE	B SC 2 FI 7420
MACMILLAN MARY ISABEL 235 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B A 3 AT 2746
MCMILLAN MARY ISABEL 1260 REDPATH CRESCENT MONTREAL QUE ALEXANDRIA ONTARIO	GR N CER 1
MCMILLAN NANCY J 4669 GROSVENOR AVE MONTREAL QUE	MUS QUAL 2 EL 3383
MACMILLAN RHONA D 2165 LINCOLN AVE MONTREAL QUE	B A 1 FI 3190
MACMILLAN SHEILA MACL 26 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B A 1 AT 1828
MCMULLAN DAVID KEITH 3421 DRUMMOND ST MONTREAL QUE 20 LEMESURIER AVE QUEBEC CITY QUE	B ENG CH 3 LA 0950
MCMULLEN JAMES PETER DAWSON COLLEGE 4209 OXFORD AVE MONTREAL QUE	B SC 2 DE 7601
MCMURTRY FLORENCE 339 LANSDOWNE AVE MONTREAL QUE	M S W 1 WA 3953
MCMURTRY GILBERT JOHN PRESBYTERIAN COLLEGE 1924 COLLEGE AVE REGINA SASK	B SC 2 BE 0424
MCMURTRY WALTER S 32 GARDEN CITY AVE STE ANNE DE BELLEVUE QUE	B SC AGR 4
MCNABB SHIRLEY ANNE ROYAL VICTORIA COLLEGE 24 MONKLAND AVE OTTAWA ONT	B A 1
MCNALLY JANET C ROYAL VICTORIA COLLEGE 188 KING ST S WATERLOO ONT	B A 1
MCNAIRN DIANA DOROTHY 693 GROSVENOR AVE MONTREAL QUE	B A 3 WA 3826

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCNAUGHT CHARLES BOYD T 477 PRINCE ARTHUR W MONTREAL QUE C O MRS J SEATH 41 HARRISON AVE AURORA	B COM 2 BE 0024
MACNAUGHTON DONALD A MACDONALD COLLEGE R R 4 HUNTINGDON QUE	TCH INT 1
MACNAUGHTON EDYTHE M 9 HUDSON AVE WESTMOUNT QUE	B A 3 WE 5317
MCNEEL ROBERT WILLIAM H UNITED THEOLOGICAL COLL WEYBURN SASK	MD CM 4 HA 4873
MCNEILL JOHN 3541 SHUTER ST MONTREAL QUE 411 21 AVE N W CALGARY ALTA	B ENG MC 3 MA 9804
MACNEILL JOHN BOYD 3592 UNIVERSITY ST MTL MONTREAL QUE WEYMOUTH DIGBY CO NOVA SCOTIA	B SC 2 PL 2435
MCNEILL ROBERT G DAWSON COLLEGE COTEAU STATION QUE	B ENG EL 2
MACNEILY JACK EATON 2229 MARCIL AVE N D G MONTREAL QUE AUBURN KING S CO N S	MD CM 1 WA 1420
MCNEILY STEPHEN J W WILSON HALL 57 PRESCOTT ST ST JOHNS NFLD	B ENG CI 4
MACNEVIN MALCOLM C MACDONALD COLLEGE 134 PLEASANT ST DOMINION C B NOVA SCOTIA	B SC AGR 4
MCNICOLL BETTY ANN 148 COTE ST ANTOINE RD MONTREAL QUE	B A 4 FI 9012
MCNICOL SHIRLEY W C ROYAL VICTORIA COLLEGE ST ANICET QUE	B A 3
MCNUTLY JOHN RILEY 343 CLARKE AVE WEST MT 20 LEROY ST POTSDAM N Y	MD CM 1 WE 4534
MCOUAT DONALD F PETERSON RESIDENCE 25TH AVE LACHINE QUE 48 MONTREAL ST SHERBROOKE QUE	PH D 3
MCOUAT DONALD W MACDONALD COLLEGE 5282 BYRON AVE N D G MONTREAL QUE	B SC AGR 1
MCOUAT ELIZABETH L MACDONALD COLLEGE ST ANDREWS EAST QUE	TCH INT 1
MCOUAT FRANCES A MACDONALD COLLEGE ST ANDREWS EAST QUE	B SC H E 1
MCOUAT ISABEL A MACDONALD COLLEGE RR 1 ST ANDREWS EAST QUE	TCH INT 1
MCOUAT JAMES WILLIAM S DOUGLAS HALL 275 RUSSELL HILL RD TORONTO ONT	B A 4
MCPARLAND STANLEY J PETERSON RESIDENCE 21 8TH ST NORANDA QUE ★	D D S 2
MCPHEE GEORGE BERTRAM 484 PRINCE ARTHUR ST W MONTREAL QUE OKRA HILL NASSAU BAHAMAS BRITISH WEST INDIES	MD CM 1 BE 7230
MACPHERSON BOYD WM MACDONALD COLLEGE KINGSTON P O KINGS CO N B	B SC AGR 4
MCPHERSON GERALD M WILLIAMSBURG ONT	B SC AGR 3
MACPHERSON GORDON DOUGLAS HALL SUNNYBANK THE HIGHLANDS BEXHILL ON SEA SUSSEX EN	B SC 3
MACQUARRIE ELIZABETH A 320 BALLANTYNE AVE N MONTREAL WEST QUE	B SC P E 1 EL 2813
MACQUARRIE HEATH N PRESBYTERIAN COLLEGE VICTORIA P E I	P8 4 2
MAC QUEEN MARJORIE W 1537 ST MATTHEW ST MONTREAL QUE HUDSON HEIGHTS QUE	M S W 3
MCQUITLY HAROLD A MILITARY HOSPITAL STE ANNE DE BELLEVUE QUE	B SC AGR 4
MCQUITTY SHEILAGH M ROYAL VICTORIA COLLEGE STE ANNE S HOSPITAL STE ANNE DE BELLEVUE PQ	B SC P E 3
MACRAE ARTHUR W M J 495 PRINCE ARTHUR ST W MONTREAL 18 QUE	B A 2
MCRAE DUNCAN E MACDONALD COLLEGE MIDDLE RIVER VICT COUNTY N S	B SC AGR 4
MACRAE FRANCIS WILLARD 7 LAKE AVE STRATHMORE QUE	B A 4
MACRAE FRANK RODERICK 5137 N D G AVE MONTREAL QUE	MED DIPL 4 DE 9284
MACRAE GORDON B MACDONALD COLLEGE GRAND ANSE N S	PARTIAL
MCRAE JEAN ELIZABETH 3895 COTE ST MICHEL RD MONTREAL 38 QUE	B A 4 DU 1338
MACRAE ROBERT M PETERSON RESIDENCE 25TH AVE LACHINE QUE BOX 46 BURY QUE ★	B ENG EL 4
MACVANNEL ALEXANDER P MACDONALD COLLEGE 169 FIFTH AVENUE OTTAWA ONT	B SC AGR 4
MCVEY JOHN DONALD 525 LANSDOWNE AVE WESTMOUNT QUE	B ENG CI 3 DE 8895
MCVEY WILLIAM ARTHUR 475 VICTORIA AVE WESTMOUNT QUE	B COM 3 EL 9472
MCVITTIE HUGH DONALD MACDONALD COLLEGE 5413 HUTCHISON ST MONTREAL 3 QUE	B SC AGR 2
MCVITTIE MARGARET E MACDONALD COLLEGE NORTH HATLEY QUE	B SC H E 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACHADO ZEA PEDRO NEL DAWSON COLLEGE QUE 1410 STANLEY ST MONTREAL QUE	B ENG 1
MACHNO IWAN DAWSON COLLEGE CHALK RIVER ONT	B ENG 1
MADDISON ANGUS 3527 LORNE AVE MONTREAL QUE 125 STOOPERDALE AVE DARLINGTON ENGLAND	PH D 2 MA 1956
MAGARVEY RAYMOND H 3568 UNIVERSITY ST MONTREAL QUE CANNING KINGS CO N S	M SC 1
MAGDER WILFRED 5325 HUTCHISON ST APT 2 MONTREAL QUE 153 SPRUCE ST SUDBURY ONT	B COM 4 CR 8150
MAGID MIRIAM 397 ST JOSEPH BLVD W APT 16 MONTREAL QUE	B A 2 CR 6472
MAGNAN YVONNE A 811 DOLLARD AVE OUTREMONT QUE	B COM 4 CA 7279
MAGOR MURRAY CHURCHILL 3000 BRESLAY RD MONTREAL QUE	B A 3 WI 4067
MAGUIRE GERARD HUGH 2050 PATRICIA APT 7 N D G MONTREAL QUE	B SC 4 EL 9703
MAGUNET ALLAN PHILIP 4816 JEANNE MANCE ST MONTREAL QUE	B COM 2 DO 9679
MAGYAR WILLIAM BELA DAWSON COLLEGE 3424 ST DOMINIQUE ST MONTREAL QUE	B ENG 1 PL 1032
MAHASE BARBARA HILARY 3505 SHUTER ST MONTREAL QUE GUAICO TRINIDAD B W I	B A 2 PL 5328
MAHATOO WINSTON H DAWSON COLLEGE SIPARIA TRINIDAD B W I	B SC 1
MAHER PHYLLIS M 5666 18TH AVE ROSEMOUNT MONTREAL QUE	M A 1 CL 1244
MAHER T JOAN ROYAL VICTORIA COLLEGE 30 DRUMMOND ST PERTH ONT	B A 4
MAHEU YVES RENE DAWSON COLLEGE 37 AVENUE DES ERABLES ARTHABASKA QUE	B ENG CI 1
MAHOMED MARJORIE A 3244 VERDUN AVE VERDUN QUE	B A 2 TR 4830
MAHON ROSE K 5120 WESTBURY AVE APT 8 N D G MONTREAL QUE	M A 3 WA 1659
MAILHOT ROCH LOUIS 637 DUNLOP AVE OUTREMONT QUE	B COM 1 AT 8349
MAINWARING JOSEPH ERNES 6766 2ND AVE, APT 2 ROSEMOUNT MONTREAL QUE	B ENG EL 4
MAIR ARLINGTON STEWART MACDONALD COLLEGE BOX 124 ATHOLVILLE N B	B SC AGR 4
MAIR AUDRE YVONNE ROYAL VICTORIA COLLEGE 4 DEVON RD HALF WAY TREE JAMAICA B W I	B A 2
MAIZEL NORAH LEE 869 MC EACHRAN AVE OUTREMONT QUE	B A 2 DO 3368
MAJEAU HENRIE L 6297 DELANAUDIERE ST MONTREAL QUE	B ENG 1
MAJOR PHYLLIS EILEEN 4816 WILSON AVE MONTREAL QUE	B A 2 EL 6572
MAKELY HOWARD VINCENT 428 STRATHCONA AVE WESTMOUNT QUE	B ENG AM 3 WA 2844
MAKI TAUNO ALLAN DAWSON COLLEGE 84 GROWN ST PORT ARTHUR ONT	B ENG MI 2
MAKILA OLAVI ALEXANDER 354 OLIVIER AVE WESTMOUNT QUE ISLE MALIENE QUE	B SC 4
MAKIN HARRY GORDON 4672 HUTCHISON ST MONTREAL QUE	H SCH DI 5 DO 4945
MAKONNEN ADUNYA 3679 JEANNE MANCE MTL KERESSA HARRAR ETHUOPIA	B SC 2 HA 6851
MALABRE LANCELOT COLIN PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG ME 3
MALBOEUF ROGER A MACDONALD COLLEGE 53 CLARK HILL WATERLOO QUE	TCH ELEM 1
MALCOFF GERALDINE 3295 RIDGEWOOD AVE MONTREAL QUE	B A 2 AT 0776
MALCOLM DAVID E 3478 MCTAVISH ST MONTREAL 310 W 1ST ST REVELSTOKE B C	B SC 2 PL 7412
MALCOLM DAVID M MACDONALD COLLEGE 4317 MADISON AVE N D G MONTREAL 28 QUE	B SC AGR 2
MALCOLM THOS ROSS ANTHO 1 MALCOLM RD WESTMOUNT QUE	B A 1
MALKIN EDWARD HAIGHT 1100 BEAVER HALL HILL MONTREAL QUE ST ADELE EN HAUT TERBONNE COUNTY QUE	B C L 3 PL 4706
MALLOZZI FRANK 6663 BORDEAUX ST MONTREAL QUE	B ENG EL 4
MALMBERG JOHN M 258 SHERBROOK ST W MONTREAL QUE 70 KENILWORTH AVE OTTAWA ONT	B ENG MC 3
MALO MAURICE J 17 TOURIGNY ST VICTORIAVILLE QUE	B ENG MC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MALONE ANNE GERALDINE 481 PRINCE ARTHUR ST W MONTREAL QUE 947 LAVIOLETTE THREE RIVERS QUE	B SC 4 LA 9489
MALONE MAURICE F 3815 HAMPTON AVE N D G MONTREAL QUE	B COM 2 EL 5609
MALONE WILLIAM VERNON 5967 PARK AVE MONTREAL QUE 558 SO SUMMER ST HOLYOKE MASS U S A	B ENG CI 3 CA 8168
MALVASIO HENRY 110 CIRCLE ROAD BIGRAS ISLAND QUE	B COM 3
MALVIN RICHARD LESTER PETERSON RESIDENCE 1615 AVE 1 B RLYN 30 N Y U S A	B SC 4
MAMELAK ROSE 81 RACHEL ST W MONTREAL QUE	B SC 4 BE 4315
MANCHESTER DONALD F 765 FORTY SECOND AVE LACHINE QUE 300 SAND CAVE FAIRVILLE N B	PH D 3
MANDEL ELIAS 315 KENSINGTON AVE WESTMOUNT QUE	B SC 4 FI 9839
MANDELCORN LYON 5026 PARK AVE MONTREAL QUE	PH D 2 DO 7075
MANES JOHN DALTON C 3300 TROIE AVE MTL 253 N COURT PORT ARTHUR ONTARIO	MD CM 3 AT 1176
MANGIONE NICHOLAS 484 PRINCE ARTHUR ST W MONTREAL QUE 53 LOUISA ST OTTAWA ONT	B ENG CI 4
MANLEY KARL LAURISTON DIOCESAN COLLEGE 6 LEIGHTON RD CROSS RDS P O JAMAICA B W I	B COM 1
MANLEY ROCKLIFFE ST JOH DIOCESAN THEOL COLL 6 LEIGHTON RD CROSS RDS JAMAICA B W I	B SC 4
MANN MARGARET E 6330 BANNANTYNE AVE VERDUN QUE 346 SHERWOOD DRIVE OTTAWA ONT	B D 2
MANN STANLEY 5807 TRANS ISLAND MONTREAL QUE	B A 4 AT 7490
MANN VIVIAN MACDONALD COLLEGE MATAPEDIA QUE	TCH ELEM 1
MANNION WILLIAM R 80 MACLAREN ST OTTAWA ONT	B A 1
MANOUKIS DEMOSTHENES DAWSON COLLEGE 67 ALCAMENOUS ST ATHENS GREECE	B ENG 1
MANOLOVICI ALICE 3470 MOUNTAIN ST MONTREAL QUE	B A 1 LA 1608
MANSFIELD JAMES PARIS MACDONALD COLLEGE WESTBORO ONT	B SC AGR 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
MANTZAVINOS ANTHONY 3419 STANLEY ST MONTREAL QUE 29 HEZODOTON ST ATHENS GREECE	B A 3 PL 9865
MARBLE JOANN ROYAL VICTORIA COLLEGE 12 MAPLE LANE OTTAWA ONT	B F A 2
MARCH RAYMOND JOHN 2306 SOUVENIR AVE MONTREAL QUE 13 BOWER AVE OTTAWA ONT	B SC 3 WE 0518
MARCHAND FRANCOIS E 53 MILTON CO MRS ALLEN MONTREAL QUE 340 OSGOODE ST OTTAWA ONT	B ENG MC 3 HA 2065
MARCHESSAULT JACQUES V 3581 DUROCHER AVE MONTREAL QUE WEST SHEFFORD QUE	B C L 2 HA 7778
MARCHESSAULT JOSEPH R 8320 CASGRAIN ST MONTREAL QUE	B COM 1 DU 4352
MARCOTTE SIMON ANDRE DAWSON COLLEGE 8466 ST DENIS ST MONTREAL 10 QUE	B ENG MC 2
MARCUS MATTHEW PHILIP 119 BLENHEIM PL WEST MT 66 OXFORD RD GROSSE POINTE SHORES MIC	B A 3 WE 6998 A
MARGETTS EDWARD LAMBERT 1102 ELGIN TERRACE APT 501 MONTREAL QUE	MED DIPL 4 BE 2125
MARGLES MAX HYMAN 3784 KENT AVE MONTREAL QUE	B ENG CI 3 EX 6365
MARGO PETER ERNEST 4445 MAYFAIR AVE MONTREAL 28 QUE	B A 2 EL 2084
MARGOLIS IDA MACDONALD COLLEGE 4873 CITY HALL AVE MONTREAL 14 QUE	TCH ELEM 1
MARGOLIS LEO 15 ST ANNE ST ST ANNE DE BELLEVUE QUE 5642 JEANNE MANCE ST MONTREAL QUE	M SC 1
MARIEN THOMAS ROBERT 649 ROCKLAND AVE OUTREMONT QUE	B ENG CI 4 CA 5547
MARK FRANK PORTER 1210 PINE AVE MONTREAL QUE SUNAPEE N H U S A	B A 3 HA 0098
MARKHAM ROBERT A DAWSON COLLEGE 139 MT VERNON ST FITCHBURG MASS U S A	B SC 2
MARKOWSKI JACQUES P 1303A LOGAN STREET MONTREAL QUE	B C L 2 AM 6570
MARKS NORMA ISOBEL 87 SUNNYSIDE AVE MONTREAL QUE	B A 3 DE 7223
MARKSON DORIS MANON 44 ABERDEEN AVE WESTMOUNT QUE	B A 2 WI 6939

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MARKULIS NATALIA 3480 ONTARIO AVE MONTREAL QUE COLE ROAD ORCHARD PARK N Y	B L S 1 PL 0044
MARKUS ARTHUR JOSEPH 5581 BEAMINSTER PLACE MONTREAL QUE	MD CM 2 EX 6426
MARKUS NATHAN 4907 CUMBERLAND AVE N D G MONTREAL QUE	B S W 1 DE 1848
MARLER GEORGE ERIC 1559 MC GREGOR ST MONTREAL 25 QUE	B A 2 FI 7145
MARLER HARRIET JUNE 1559 MAC GREGOR ST MONTREAL QUE	B A 3 FI 7145
MAROULIS GEORGE 2290 OLD ORCHARD AVE N D G MONTREAL	B COM 3 EL 1853
MARSDEN DONALD ARTHUR 2155 PAPINEAU AVE VILLE JACQUE CARTIER QUE 2A ETHEL ST MUCURAPO TRINIDAD B W I	B SC 2
MARSH HENRY W PETERSON RESIDENCE 25TH AVE LACHINE QUE GRAND MERE QUE	B SC 3
MARSH WALTER ALEXANDER 863 OSBORNE AVE VERDUN QUE	B COM 4 TR 0603
MARSHALL ANNA M MACDONALD COLLEGE 4324 MARCIL AVE N D G MONTREAL 28 QUE	TCH ING 1
MARSHALL DORIS ROSALIND 3550 LORNE AVE MONTREAL 18 QUE	B A 2 BE 0468
MARSHALL GORDON THOMAS 6412 CHRISTOPH COLOMB MONTREAL QUE	B ENG MC 4 FO 3332
MARSHALL HUGH G 4816 CEDAR CRESCENT MONTREAL QUE	B ENG MC 3 AT 5888
MARSHALL JUDITH ANNE 663 MURRAY HILL AVE WESTMOUNT QUE	B A 3 EL 0849
MARSHALL MARGARET E 4816 CEDAR CRESCENT MONTREAL QUE	B A 3 AT 5888
MARSHALL ROBERT EDWIN DOUGLAS HALL 1130 WEST 13TH AVE VANCOUVER B C	MD CM 2
MARSHALL ROBERT W 475 PINE AVE W MONTREAL QUE 113 1ST AVE W NORTH BAY ONT	B A 3
MARSTON JAMES GUY 1441 UNIVERSITY ST MONTREAL QUE	PARTIAL PL 6378
MARSTRANDER JOHAN H 85 MAPLE AVE LAVAL SUR LE LAC QUE HOP BERGEN NORWAY	B ARCH 3
MARSTON RICHARD B G 1489 BISHOP ST MONTREAL QUE	B A 1 PL 5720
MARTEL J H MARIO 2137 MARIE ANNE ST E MONTREAL QUE	L MUS 2 AM 6289
MARTIAL JEAN ALBERT 349 MERCIER AVE MONTREAL QUE	B C L 2 CL 6792
MARTIN ANDREW BROWN 435 GREEN ST ST LAMBERT QUE	B SC P E 3
MARTIN BRUCE E 4675 GROSVENOR AVE N D G MONTREAL QUE	B SC 3 EL 2020
MARTIN CAROL A MACDONALD COLLEGE HUNTINGDON QUE	B SC H E 3
MARTIN ELIZABETH J 435 GREEN ST ST LAMBERT QUE	B SC H E 1
MARTIN FERNAND 1140 CASCADES ST ST HYACINTHE QUE	B A 2
MARTIN HELEN JEAN 4260 BEACONSFIELD AVE N D G MONTREAL QUE	M SC 2 EL 8244
MARTIN HUBERT 282 2ND AVE VERDUN QUE	B SC 4 YO 3960
MARTIN JOHN AVERY T 21 CURZON ST MONTREAL WEST QUE	B COM 3 EL 0743
MARTIN JOHN REGINALD 570 MILTON ST MONTREAL QUE	MED DIPL 3 LA 2736
MARTIN JOHN WILLIAM 9022 ST HUBERT ST MONTREAL QUE 575 WATER ST W ST JOHNS NEWFOUNDLAND	B COM 4 DU 8193
MARTIN KENNETH C 2354 BEACONSFIELD AVE N D G MONTREAL QUE SPRINGTON P E I	B ENG CI 4 DE 5021
MARTIN LEWIS J 481 PRINCE ARTHUR ST W MONTREAL QUE 223 LAUREL HEIGHTS PL SAN ANTONIO TEXAS U S A	B COM 4 LA 9489
MARTIN SAUL AVRUM 4648 ESPLANADE AVE MONTREAL QUE	B A 1 HA 4006
MARTIN STUART M 3445 PEEL ST MONTREAL QUE 157 STRATHCONA AVE HAMILTON ONT	B ARCH 2 HA 9462
MARTIN WARKNEH JOHN 3679 JEANNE MANCE ST MONTREAL QUE P O BOX 5 ADDIS ABABA ETHIOPIA	B SC 4 HA 6851
MARTIN WILLIAM M 6728 14TH AVENUE ROSEMOUNT MTL QUE	PH D 4 GR 4723
MARTIN WILLIAM STORMONT 4260 BEACONSFIELD AVE N D G MONTREAL QUE	MD CM 4 EL 8244
MARTINELLO SYLVIA ELWYN ROYAL VICTORIA COLLEGE 3 TAIN ST SYDNEY N S	B SC P E 2
MARTZ SYLVIA C 5466 PARK AVE APT 39 MONTREAL. QUE	M S W 2 VI 2910
MARULANDA PABLO DAWSON COLLEGE AVENIDA COLOMBIA 2A 52 CALI COLOMBIA S A	B ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MARWOOD BETTY M 3270 BARCLAY AVE APT 15 MONTREAL QUE 30 BAY STREET PARRY SOUND ONT	B S W 1 AT 2646
MASCOLO RICHARD 2100 TUPPER ST MONTREAL QUE 9 EAST 17 ST NEW YORK CITY N Y	B ENG CI 4 FI 4414
MASKELL JAMES 5305 WELLINGTON ST VERDUN QUE	B ENG MC 3 YO 4092
MASON DOUGLAS DAVID 2189 CLIFTON AVE N D G MONTREAL QUE	B ENG CH 3 WA 8944
MASON KATHRYN HARRIS 4100 COTE DES NEIGES RD MONTREAL QUE	B A 3 FI 1214
MASON VERA BERYL 3480 ONTARIO AVE MONTREAL QUE 313 QUEENSTON RD ST CATHARINES ONT	B L S 1 PL 0044
MASON WILLIAM EDWARD H 4100 COTE DES NEIGES RD MONTREAL QUE	MD CM 3 FI 1214
MASSON MICHEL 3704 JEANNE MANCE ST MONTREAL QUE	B A 3 HA 3878
MASSICOTTE GEORGES 1000 10E AVE SHAWINIGAN SUD 2 QUE	B SC AGR 1
MASTERS LLOYD H DAWSON COLLEGE 97 MAPLE AVE SHAWINIGAN FALLS QUE	B SC 2
MASTIN CATHERINE ANN ROYAL VICTORIA COLLEGE MANITONANING ONT	B A 1
MASTINE FRANCES M MACDONALD COLLEGE TRENHOLM QUE	TCH ELEM 1
MASURE PAUL 1180 DRUMMOND ST MONTREAL QUE 1 ROCKWOOD AVE OTTAWA ONT	B ENG MC 4
MATHEKE JOAN BEATRICE 328 SUSSEX AVE NEWARK N J U S A	B N 1
MATHER DAVID C 1227 SHERBROOKE ST W MONTREAL QUE	B ENG MC 4 MA 3173
MATHER DIANA E M PENARTH SARAGUAY CARTIERVILLE QUE	B A 1 BY 2149
MATHER JANE MAYNARD 1227 SHERBROOKE ST W MONTREAL QUE	B A 2 MA 3173
MATHESON BALLEM H MACDONALD COLLEGE SYDNEY N S	B SC AGR 4
MATHEWS AMY BLISS 33 THORNHILL AVE WESTMOUNT QUE 237 UPPER WOODLANDS QUE	B SC P E 2 FI 5260
MATTHEW VALERIE ANNE P 4715 THE BOULEVARD WESTMOUNT QUE	B A 3 DE 5131
MATHEWSON HEATHER B MACDONALD COLLEGE 12 KILLARNEY GARDENS POINTE CLAIRE QUE	TCH INT 1
MATHISON JAMES F 3255 RIDGEWOOD RD APT 1 MONTREAL QUE 805 15TH AVE WEST CALGARY ALBERTA	PH D 4 AT 1867
MATSUSAKI HISASHI DAWSON COLLEGE 106 WELLINGTON ST N HAMILTON ONT	B SC 2
MATTE YVAN LOUIS 1535 ST MARK ST APT 16 MONTREAL QUE THETFORD MINES QUE	B COM 4 WE 8126
MATTE MADELEINE R ROYAL VICTORIA COLLEGE 223 SOMERSET ST OTTAWA ONTARIO	B F A 3
MATTE RICHARD PAUL DAWSON COLLEGE 223 SOMERSET ST W APT 8 OTTAWA ONT	B ENG 1
MATTHEWS COLLEEN MAUDE 2315 HINGSTON AVE MONTREAL QUE	B A 3 DE 1506
MATTHEWS GEORGE E 2325 BEACONSFIELD AVE N D G MONTREAL QUE CAMPBELLTON N B	B ENG EL 3 DE 7161
MATTHEWS LILLIAN B MACDONALD COLLEGE 2222 ADDINGTON AVE MONTREAL 28 QUE	B SC H E 4
MATTHEWS PAUL D 339 OLIVIER AVE WESTMOUNT QUE 231 PARK ROAD OTTAWA ONT	B COM 2 WE 4840
MATTHEWS RICHARD DUNLOP 57 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 4144
MATTHEWS ROMA YVONNE 2315 HINGSTON AVE MONTREAL QUE	B A 2 DE 1506
MATTHEWS RONALD S 770 HARTLAND AVE OUTREMONT QUE	B ENG 1 AT 8844
MATTHEWS THOMAS 1070 EGAN AVE VERDUN QUE	B SC 4 TR 8935
MATZKO ALEXANDER 1440 ST DOMINIQUE ST MONTREAL QUE	MD CM 3
MAU NICHOLAS DAWSON COLLEGE 2170 ST JOSEPH ST ST HYACINTHE QUE	B ENG MC 1
MAUER IRVING 3485 CITY HALL AVE MONTREAL QUE	M SC 1 LA 7712
MAUGHAN JOHN FREDRICK 545 PRINCE ALBERT AVE WESTMOUNT QUE	B COM 1 DE 5343
MAUS JOAN BARBARA 4331 WALKLEY AVE N D G MONTREAL QUE	B F A 1 WA 3768
MAW ROBERT GORDON 4401 GIROUARD AVE MONTREAL QUE	B SC 3 WA 4083
MAX MORRIS DAWSON COLLEGE 5820 10TH AVE ROSEMOUNT MONTREAL QUE	B ENG MC 2 CH 9330

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MAXWELL DOROTHY JUNE ROYAL VICTORIA COLLEGE 992 ECHO DRIVE OTTAWA ONT	B COM 2
MAXWELL IAN T 4 BROWN AVE STE ANNE DE BELLEVUE QUE	B SC AGR 4
MAXWELL JOYCE M MACDONALD COLLEGE MILLE ISLES QUE	TCH INT 1
MAXWELL NEVILLE G 3508 UNIVERSITY ST MONTREAL QUE MT ELIZA VIC AUSTRALIA	B A 4 BE 0752
MAY LYMAN ALBERT DAWSON COLLEGE STANSTEAD QUE	B SC 1
MAY WILLIAM LOREN 3581 UNIVERSITY ST MONTREAL QUE	MD CM 2 MA 3842
MAYER A ANDRE 4084 DES ERABLES ST MONTREAL	B C L 3 AM 7776
MAYER HAROLD RAYMOND 7419 ST ANDRE ST MONTREAL QUE	B ENG EL 4 DO 0907
MAYER LORE L ROYAL VICTORIA COLLEGE KECOUGHTAN VIRGINIA U S	B SC 3
MAYERS ALEXANDER 778 DAVAAR AVE OUTREMONT QUE	B ARCH 2 DO 4335
MAYOWSKY OLHA 5405 BRODEUR AVE N D G MONTREAL QUE ANGUSVILLE MAN	B A 4 WA 6437
MAZER HILDA CAROL 774 WISEMAN AVE OUTREMONT QUE	B A 3 CA 9995
MAZER LILLIE SHERNA 774 WISEMAN AVE OUTREMONT QUE	B F A 1 CA 9995
MAZER NICKOLAS LEO PRESBYTERIAN COLLEGE RAMA SASK	B SC 4
MEADLEY REGINALD FRANK DAWSON COLLEGE R R PORT STANLEY ONT	B ENG 1
MEADOWCROFT JAMES W R 536 COTE ST ANTOINE RD WESTMOUNT QUE	M A 1 EL 5546
MEAGHER JOHN WILLIAM 3816 ROYAL AVE N D G MONTREAL QUE	B SC P E 4 DE 9012
MEASURES MICHAEL A 3653 UNIVERSITY ST MONTREAL QUE 353 ELGIN ST OTTAWA ONT	B A 4 PL 2073
MECELIS JULIA ANNE 6629 DES ERABLES AVE ROSEMOUNT MONTREAL QUE	B SC 1 GR 4562
MEEKS CHARLES WILLIAM DAWSON COLLEGE 11 NORMAN RD KINGSTON JAMAICA B W I	B SC 1
MEHAFFEY WILLIAM H 1070 EGAN AVE VERDUN QUE RIVERBEND LAC ST JEAN QUE	B SC 4 TR 8985
MEIER FRANK 3410 MONTCLAIR AVE APT 16 MONTREAL QUE	B E0G CI 3 EL 5526
MEIKLE BRIAN KEITH DAWSON COLLEGE 1 PINE AVE CHATEAUGUAY HEIGHTS QUE	B ENG 1
MEIROWITZ MARVIN SELBY MCGILL STUDENT UNION 152 OXFORD DRIVE E HARTFORD CONN U S A	B A 4
MEISENBACH JOHN J 3511 UNIVERSITY ST MONTREAL QUE 36 SO GARFIELD AVE HINSDALE ILL U S A	B A 2 BE 0344
MEISSNER GEORGE F PATHOLOGICAL INSTITUTE	M SC 1
MEISTER WILLIAM DAVID 7500 DE LANAUDIERE ST MONTREAL QUE TURNER VALLEY ALTA	B ENG EL 4
MELAMED LOU 861 STUART AVE OUTREMONT QUE	B ENG CI 3 VI 5829
MENARD CLAUDE 3492 HUTCHISON ST MONTREAL QUE	4 BE 4141
MELAS PAUL 1430 MCGILL COLLEGE AVE MONTREAL QUE RIGILLIS 24 ATHENS GREECE	B A 1
MELDRUM MARY E MACDONALD COLLEGE 92 MAPLE AVE SHAWINIGAN FALLS QUE	TCH ELEM 1
MELDRUM VERNON V MACDONALD COLLEGE BRIDGEWATER N S	B SC AGR 4
MELETOPOULOS ALEKOS N Y M C A DRUMMOND ST MONTREAL QUE 22A KARNEADOU ATHENS GREECE	M ENG 1
MELETOGOULOS ALEXANDER DAWSON COLLEGE SOLONOS 10 ATHENS GREECE	B ENG 1
MELNYK WILLIAM P 7089 FABRE ST APT 2 MONTREAL QUE	B A 4
MELO C ALVARO DAWSON COLLEGE CALLE 67 NO 1623 BOGOTA COLOMBIA	B ENG 1
MELVIN JOHN G 5363 MONKLAND AVE MONTREAL QUE	B ENG MC 4 DE 6096
MELZACK RONALD 417 ST JOSEPH BLVD W APT 10 OUTREMONT QUE	B SC 4 DO 4917
MELZAK ZDZISLAW A 3904 CLARK ST MONTREAL QUE	B SC 4 BE 7841
MENARD DONALD RENE J 1025 SHERBROOKE ST W MONTREAL QUE 10 CEDAR S S TIMMINS ONT	B SC P E 1 BE 0336
MENARD ROBERT PAUL 1025 SHERBROOKE ST W MONTREAL QUE 10 CEDAR ST S TIMMINS ONT	B SC P E 4 BE 0336

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MENDELL HANNAH GRACE 423 ST JOSEPH BLVD W OUTREMONT QUE	B A 1 DO 6555
MENDELSOHN MYRA F 1552 DUCHARME AVE OUTREMONT QUE	M PS SC 1 CA 2793
MENDELSON JOSEPH A 5549 QUEEN MARY RD APT 5 MONTREAL QUE	B C L 2 EL 4006
MENDELSSOHN ESTELLE 5210 PONSARD AVE MONTREAL QUE	PHYSIOTH 1 DE 1608
MENDELSSOHN JOSEPH 5210 PONSARD AVE MONTREAL QUE	B COM 3 DE 1608
MENETREZ JEAN HUGUES 846 DAVAAR AVE OUTREMONT QUE 1356 42ND ST BROOKLYN N Y U S A	MD CM 4 DO 4854
MENG MAURICE 2421 BENNY AVE N D G MONTREAL QUE	MD CM 3 WA 9334
MENKES RENE DAWSON COLLEGE QUE 4592 WILSON AVE N D G MONTREAL QUE	B ENG 1 DE 6211
MENNIE MARGARET E 31 HOLTON AVE WESTMOUNT QUE	B A 4 WE 5162
MENZER DORA BENARON BOSTON STATE HOSP BOSTON MASS U S A 9 MIDDLEGATE WINNIPEG MANNITOBA	MED DIPL 4
MERCER MONA CLARE 341 C SELBY ST WESTMOUNT QUE	MD CM 4 FI 9494
MERCIER ANDRE ERNEST 6179 DUROCHER AVE OUTREMONT QUE	PARTIAL EX 6561
MERCIER CECILE 9451 ROUTHIER ST MONTREAL QUE	L MUS 3 VE 2683
MEREDITH CHARLES EYMARD 840 HARTLAND AVE OUTREMONT QUE 66 ORANGE ST SAINT JOHN N B	MD CM 3 AT 1995
MERGL JOSEPH PAUL 1469 DRUMMOND ST MTL 869 MULVEY AVE WINNIPEG MAN	B SC 3 PL 2061
MERIE JOSEPHINE NANCY 253 WOODLAND AVE VERDUN QUE	MD CM 1 YO 7017
MERLING SHELDON SOLOMON 2800 ST CATHERINE RD MONTREAL QUE	B A 1 AT 9755
MERRIAM ALEXANDER C 5741 DECARIE BLVD MONTREAL QUE 309 STATION ST NEW WATERFORD N S	B ENG CH 3
MERRIMAN JEAN ROWSON MACDONALD COLLEGE CROSBY ONT	B SC H E 4
MERROW ADIN RALPH 3637 UNIVERSITY ST MTL MONTPELIER VERMONT U S A	MD CM 1

NAME ADDRESS	COURSE & YEAR TEL. NO.
MERRIFIELD LEONARD L 2071 GREY AVE N D G MONTREAL QUE C O 800 BANK ST OTTAWA ONT	B ENG MC 4 DE 6060
MERRILL GEOFFREY HUNTER 5032 ROSLYN AVE MONTREAL QUE	H SCH DI 5 AT 9342
MERRILL GORDON CLARK Y M C A DRUMMOND ST MONTREAL QUE 896 WILLIAM ST LONDON ONT	M A 1
MERRITT DONALD T MACDONALD COLLEGE GRAND FALLS NEW BRUNSWICK	B SC AGR 2
MERYN MARGARET M 3432 DRUMMOND ST MONTREAL QUE NEW YORK U S A	B A 3 LA 8835
MESSENGER CAROL MACDONALD COLLEGE 494 VICTORIA AVE WESTMOUNT QUE	B SC H E 2
MESSIER GEORGE RICHARD 1489 BISHOP ST MONTREAL QUE 5 SAWYER ST NASHUA N H U S A	B A 4 HA 7309
MESSIER GILLES RAYMOND 503 CHERRIER APP 9 MONTREAL QUE	B COM 3 HA 5675
MESSINGER MARION 271 ST CATHERINE ROAD OUTREMONT QUE	B A 1 CA 0694
METCALF HYLDA MACDONALD COLLEGE 8 TWEEDSMUIR AVE DUNDAS ONT	B SC H E 4
METCALFE ALEX L APT C19 P O BOX 62 MACDONALD COLLEGE	B SC AGR 3
METRAKOS JAMES GEORGE 3535 ST FAMILLE ST MONTREAL QUE	B COM 2 PL 5526
METRAKOS JOHN G DAWSON COLLEGE 3535 ST FAMILLE ST MONTREAL QUE	B ENG 1 PL 5526
METRAKOS JULIUS D 3535 ST FAMILLE ST MONTREAL QUE	PH D 2 PL 5526
METRO STEPHEN JOSEPH 1477 FORT ST APT 1 MONTREAL QUE 309 LEHMAN ST LEBANON PENNA U S A	PH D 2 WI 9553
MEWBURN ROBERT HAMILTON 523 PRINCE ALBERT AVE WESTMOUNT QUE 11108 90 AVE EDMONTON ALBERTA	MD CM 4 EL 0292
MEYER PERRY 5031 GROSVENOR AVE MONTREAL QUE	B C L 1 AT 8944
MEYER WILLIAM CONRAD 570 MILTON ST MTL 184 CHARLOTTE STREET OTTAWA ONT	B L S 1
MEZEI LOUIS 4202 VAN HORNE AVE MONTREAL QUE	B SC 2 AT 6940
MEZEI LESLIE 733 HARTLAND AVE OUTREMONT QUE	B SC 1 AT 1612

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MICHAEL JOSEPH 1235 BERNARD AVE W OUTREMONT QUE	B COM 4 CA 7371
MICHALYSHYN BOHDAN VETRAN S HOSPITAL QUEEN MARY ROAD 9344 103A AVENUE EDMONTON ALBERTA	MED DIPL 4
MICHAUD CHARLES EUGENE 3609 UNIVERSITY ST MONTREAL QUE 157 VICTORIA STREET EDMUNDSTON N B	MD CM 3 LA 6307
MICHAUD ANDRE O 12 HENDERSON AVE OTTAWA ONT	B ENG EL 4
MICHON ANDRE CLAUDE 822 DESMARCHAIS BLVD VERDUN QUE	B COM 2
MIDWINTER CHARLES C 243 CARLYLE AVE TOWN OF MOUNT ROYAL QUE 1231 9TH AVE S LETHBRIDGE ALTA	B ENG PH 2
MIEDEMA LEWIS J P 5573 QUEEN MARY RD HAMPSTEAD QUE	B ENG CH 4 EL 5735
MIGLIACCIO LORETTA A ROYAL VICTORIA COLLEGE 198 BROADWAY PROV R I U S A	B A 3
MIGNAULT ROBERT DUVAL 4350 DECARIE BLVD MONTREAL QUE	B ENG EL 3 EL 2809
MIKE ARTHUR HORACE DAWSON COLLEGE FYZABAD TRINIDAD B W I	B SC 2
MIKULEC ANN MACDONALD COLLEGE 4172 GIROUARD AVE N D G MONTREAL QUE	TCH ELEM 1
MIKULEC JOHN DAWSON COLLEGE 4172 GIROUARD AVE N D G MONTREAL QUE	B ENG MC 2 DE 6026
MILBURN LOUIS HUGH 8965 CHATEAUBRIAND AVE MONTREAL QUE 269 LONDON ST E WINDSOR ONT	B SC 3
MILBURN RONALD ALEX DAWSON COLLEGE 669 CREVIER ST VILLE ST LAURENT QUE	B ENG 1
MILDON DENIS F 5195 CONNAUGHT AVE MONTREAL QUE	B D 2 EL 6329
MILES VERNON J 25 MAPLE AVE ST ANNES QUE 52 MARLOWE CR OTTAWA ONT	B SC AGR 3
MILLAR ERIC PETER DAWSON COLLEGE 95 EASTON AVE MONTREAL QUE	B SC 1 DE 1309
MILLAR IAN T 1500 ST MARK ST APT 3 MONTREAL QUE CASTLE HAYES KIRBY MUXLO LEICESTERSHIRE ENGLAND	M SC 1 WE 5437
MILLAR THOMAS PALMER 3508 OXENDEN AVE MTL 3582 WEST BROADWAY APT 3 VANCOUVER B C	MD CM 3
MILLARD MADELINE GRACE 251 MILTON AVE APT 19 MONTREAL QUE TATAMAGOUCHE COL CO N S	B N 2 HA 9627
MILLEN JOHN L 344 WOOD AVE WESTMOUNT QUE	B ENG MC 4 FI 8020
MILLER ALEXANDER MTL GEN HOSP 2041 DE MARICOURT ST MONTREAL QUE	MED DIPL 2 PL 7751
MILLER ALICE 4669 PARK AVE APT 12 MONTREAL QUE	B S W 1 UN 2149
MILLER ARCHIBALD M 1210 PINE AVE W MONTREAL QUE 80 RIVERSIDE SHAWINIGAN FALLS QUE	B A 3 HA 0098
MILLER DORA ★ 275 VILLENEUVE W MONTREAL QUE	B A 2 TA 9277
MILLER ERIC JOSEPH 4338 COOLBROOK AVE MONTREAL QUE	B A 4 DE 3302
MILLER EVELYN MIRIAM 782 STUART AVE OUTREMONT QUE	B A 1
MILLER HARRY MACDONALD COLLEGE 381 EDWARD CHARLES ST APT 6 MONTREAL QUE	B SC AGR 3
MILLER HUGH STANDFIELD DOUGLAS HALL 7061 CYPRESS ST VANCOUVER B C	MD CM 2
MILLER JAMES BERNARD 5050 GROSVENOR AVE MONTREAL QUE	B COM 1 AT 9381
MILLER IRVING WILLIAM 5450 DUROCHER ST MONTREAL QUE	PARTIAL CR 6571
MILLER JOSEPH TELES 19 BARAT ST WESTM T 1342 12TH ST HICKORY N C U S A	MD CM 3
MILLER KENNETH GORDON DOUGLAS HALL 30 FOREST AVE SAULT STE MARIE ONT	D D S 4
MILLER MAIDA 1210 LAJOIE AVE OUTREMONT QUE	B A 2 CR 4581
MILLER MORLEY BERNARD 1046 VAN HORNE AVE APT 8 MONTREAL QUE	B COM 3 CR 7136
MILLER RALPH PALMER DOUGLAS HALL 240 UNIVERSITY AVE FREDERICTON N B	MD CM 1
MILLER ROBERT MELVIN ★ 1227 LERNARD AVE OUTREMONT QUE	PARTIAL RO 3108
MILLER WALTER DOUGLAS 4490 RIDGEVALE AVE MONTREAL QUE SAINT JOHN N B	MED DIPL 2 EX 4379
MILLER WILLIAM H D 1699 LECLAIR AVE VERDUN QUE	B ENG MC 4 TR 6417
MILLER WILLIAM M 1210 PINE AVE W MONTREAL QUE 80 RIVERSIDE SHAWINIGAN FALLS QUE ★	B COM 3 HA 0098

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MILLHOLLAND WILLIAM B 3581 UNIVERSITY ST MONTREAL QUE 325 VIDAL ST SARNIA ONT	B ENG MC 4 MA3842
MILLIGAN BEATRICE JEAN 4042 TUPPER ST MONTREAL QUE 120 MASON TERRACE OTTAWA ONT	B N 2
MILLS ALICE CATHERINE 4100 OLD ORCHARD AVE MONTREAL QUE 67 BROADWAY E YORKTON SASK	GR N CER 1 DE 5766
MILLS ALLAN W 4100 OLD ORCHARD AVE MONTREAL QUE 67 BROADWAY E YORKTON SASK	M A 1 DE 5766
MILLS DANIEL A 1515 CRESCENT ST MONTREAL QUE 189 EVERETT ST WALLASTON MASS U S A	B SC 4 HA 6607
MILLS GEORGE H S 3521 REDPATH ST MONTREAL QUE	PH D 2 BE 4351
MILLS JEAN ANGELL ROYAL VICTORIA COLLEGE 412 TILDEN RD EGYPT MASS U S A	B COM 2
MILLS JOHN ALEXANDER 567 GROSVENOR AVE WESTMOUNT QUE	B A 3 EL 8403
MILLS LEONARD ARTHUR DAWSON COLLEGE NORMETAL QUE	B ENG ME 2
MILLS MURIEL JEAN ROYAL VICTORIA COLLEGE 10 VICTORIA ST PERTH ONTARIO	B SC P E 2
MILLS ROBERT H 2038 METCALFE ST MTL 649 15TH ST BRANDON MAN	PH D 2
MILLSPAUGH FRANK GRAY 3538 HUTCHISON ST MONTREAL QUE 710 W PERSHING ST SPRINGFIELD MISSOURI U S	M A 2 MA 7827
MILLWARD DEREK STUART DAWSON COLLEGE 20 LAWFORD AVE SHERBROOKE QUE	B SC 2
MILNE ALEXANDER D W DAWSON COLLEGE 611 EGAN AVE VERDUN QUE	B SC 1
MILNE GEORGE HECTOR DAWSON COLLEGE 120 ALMONT AVE NEW GLASGOW N S	B ENG 1
MILNE LORNE FREDERICK 25 CONDOVER ROAD POINTE CLAIRE QUE	B A 2
MILNER BRENDA A 2525 VAN HORNE AV APT 10 MONTREAL QUE	PH D 2 EX 5671
MILNER PETER MARSHALL 2525 VAN HORNE AV APT 10 MONTREAL QUE	M SC 1 EX 5671
MINDLIN ALLAN IRWIN DAWSON COLLEGE 382 ST CATHERINE ROAD OUTREMONT QUE	B SC 1 TA 2821
MINDLIN IVAN 3720 ST CATHERINE RD APT 17 MONTREAL QUE	B SC 3
MINEAU PAUL ANDRE 6340 ST VALLIER ST MONTREAL QUE	B COM 3 CR 4747
MINER WORTHINGTON PETER 3421 DRUMMOND ST MONTREAL QUE 1 WEST 72 STREET NEW YORK CITY N Y U S A	B A 2 LA 0950
MINGIE JOAN 5717 MONKLAND AVE MONTREAL QUE	B SC P E 3 EL 2923
MINGIE PETER GEORGE 5717 MONKLAND AVE N D G MONTREAL QUE	B A 2 EL 2923
MINARD ROGER WOLCOTT 1464 OVERDALE APT 1 MTL NORTH HUDSON N Y U S A	B A 1 HA 4427
MINOR WILLIAM J 2227 COURSOL ST MONTREAL QUE ROCKVILLE CENTRE LONG ISLAND N Y U S A	MUS QUAL 1 WE 0097
MINTZ HARRY 4945 CIRCLE RD MONTREAL QUE	B A 2 DE 5082
MIQUELON JEAN ROBERT 1075 MOUNT ROYAL BLVD MONTREAL QUE	B C L 1 TA 3962
MISHKIN MORTIMER YALE UNIVERSITY CONN 73 HARRISON AVE FITCHBURG MASS U S A	PH D 2
MITCHELL DAVID MCBETH 841 MELROSE AVE VERDUN QUE	B SC 3 YO 2989
MITCHELL DIANA L 1583 PINE AVE MONTREAL QUE 155 HOLLIS ST HALIFAX N S	L MUS 2 WI 7324
MITCHELL DONALD A MACDONALD COLLEGE 1224 PRINCE ST TRURO N S	B SC AGR 4
MITCHELL ELSIE LORRAINE 6004 SHERBROOKE ST W N D G MONTREAL QUE	1 WA 3181
MITCHELL ERICA RUTH ROYAL VICTORIA COLLEGE OTTAWA ONT	B A 2
MITCHELL HARRIS 5669 WAVERLY STREET MONTREAL QUE	B COM 4 CR 4719
MITCHELL KINA MARIE 490 PRINCE ARTHUR W MONTREAL 18 QUE	M A 1 LA 1997
MITCHESON JOAN 4156 HINGSTON AVE N D G MONTREAL QUE	B A 1 DE 4625
MITCHELL WILLIAM H C 3605 UNIVERSITY ST MONTREAL QUE 60 PITT ST CORNWALL ONT	B ENG MC 3 LA 6309
MITCHENER JAMES WALTER 475 PINE AVE W MONTREAL QUE 71 EAST N AVE VANCOUVER B C	B A 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MITHAM MARY JEAN 331 CLARKE AVE APT 35 MONTREAL QUE	MD CM 4 WI 1701
MITMAKER BENJAMIN 4943 LACOMBE AVE MONTREAL QUE	B SC 3 AT 1303
MITTON THOROLD B 4370 HARVARD AVE MONTREAL QUE 56 JOHN ST MONCTON N B	B COM 4 WA 6579
MIZUHARA DOROTHY KANACO 1075 ALLARD AVE VERDUN QUE	B N 1 TR 3252
MLODUCHOWSKI ROBERT L K 150 SIXTH AVE VERDUN QUE 256 ST HUBERT ST GRANBY QUE	B ENG PH 2 YO 6596
MOFFAT ROBERT DOUGLAS 3565 JEANNE MANCE ST MONTREAL QUE FRASER AVE R R 1 WESTON ONT	B SC P E 4 MA 8909
MLYNARYK PETER DAWSON COLLEGE 4003 ST URBAIN ST MONTREAL QUE	B SC 1
MOELLER MERIAM C MACDONALD COLLEGE 900 SHERBROOKE ST W MONTREAL QUE	B SC H E 1
MOFFATT PETER RAYMOND 3854 MENTANA ST MONTREAL QUE	B ENG 1 FR 8132
MCFFAT WILLIAM WRIGHT WILSON HALL R R 1 PORT COLBORNE ONTARIO	MD CM 1
MOFFITT ROBERT JAMES 706 ROSLYN AVE WESTMOUNT QUE	B COM 1 DE 7938
MOGILESKY ARTHUR 253 VILLENEUVE ST W MONTREAL QUE	B ARCH 3 CR 0047
MCHID MOHAMED Z WILSON HALL P O BOX 63 SAN NICHOLAS ARUBA N W I	B A 3
MOHR MARIE LOUISE ROYAL VICTORIA COLLEGE MAZATENANGO GUATEMALA C A	B COM 1
MOLLER FRANK ★ 112 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC P E 1 AT 1088
MOLLER PAUL 112 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B ENG CI 3 AT 1088
MOLSON CHARLES ROBIN 55 BELVEDERE CIRCLE WESTMOUNT QUE	B A 3 FI 2335
MOLSON DAVID H 25 BURTON AVE MONTREAL QUE 1663 ROCKLAND AVE VICTORIA B C	B ARCH 3 WA 4033
MOLSON MABEL V 55 BELVEDERE CIRCLE WESTMOUNT QUE	B A 1 FI 2335
MONAHAN GEORGE F 3459 DRUMMOND ST MTL 10 GERRY AVE SO PORT MAINE U S A	MD CM 2
MONARQUE JEAN PAUL 4075 PAPINEAU AVE MONTREAL QUE	B ENG CH 3 AM 4170
MONCUR MARGARET N MACDONALD COLLEGE ALMONTE ONT	B SC H E 3
MONDEY HELEN A MACDONALD COLLEGE 5129 WESTERN AVE N D G MONTREAL QUE	TCH INT 1
MONEY COUTTS JOANNA H N MCLENNAN HALL CUIDERHILL FARM MAYFIELD SUSSEX ENGLAND	M A 1 PL 0044
MORGAN CLAYTON MACDONALD COLLEGE 708 THIRD AVE VERDUN QUE	TCH INT 1
MONIESON BARBARA MACDONALD COLLEGE 1844 LAJOIE AVE OUTREMONT QUE ★	TCH ELEM 1
MONROE KENNETH ELY 3445 PEEL ST MTL 123 DEAN ROAD BROOKLIN 46 MASS U S A	MD CM 3 HA 9462
MCNTAGNON NOEL BERNHARD 4575 RIDGEVALE AVE APT 1 MONTREAL QUE VAVENBY B C	B ENG PH 4 EX 6683
MONTCALM YVAN 1441 DRUMMOND ST MTL 2425 5TH AVE THREE RIVERS QUE	B ENG EL 3
MONTGOMERY GORDON H 3581 UNIVERSITY ST MONTREAL QUE NEW RICHMOND BON COUNTY QUEBEC	B ENG MI 4 MA 3842
MONTGOMERY HERBERT C 3285 BARCLAY AVE TOWN OF MOUNT ROYAL QUE 15 CLYDE ST LACHUTE QUE	B SC 4 AT 1304
MONTGOMERY JEAN H ROYAL VICTORIA COLLEGE 32 BURPEE ST EDMUNDSTON N B	B SC 2
MONTPETIT JEAN GUY 8425A ST DENIS ST MONTREAL 10 QUE	B ENG ME 3 DU 3297
MCOK SANG MAYLEEN 3587 SHUTER ST APT 1 MONTREAL QUE 24 STRAND AND ALEXANDER BERBICE BRITISH GUIANA	D D S 4
MOON JAMES HAROLD PETERSON RESIDENCE WATFORD ONT	PH D 4
MCONEY LEONARD HUGH 5629 HUTCHISON ST MONTREAL 8 QUE	B ENG EL 4 CR 4878
MOONEY MONICA ROYAL VICTORIA COLLEGE 167 PARADISE ROW SAINT JOHN N B	D D S 3
MOONEY SHIRLEY M I 4497 GROSVENOR AVE MONTREAL QUE	M S W 2 AT 6692
MOORE ERNST JAMES DAWSON COLLEGE QUE 255 WILLIBRORD ST VERDUN MONTREAL QUE	B ENG 1
MOORE FREDERICK CHARLES 141 LAKESHORE ROAD LAKESHORE QUE	MD CM 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MOORE HARRY E MACDONALD COLLEGE 228 PERCIVAL AVE MONTREAL WEST QUE	B SC AGR 3 EL 7615
MOORE JAMES 5200 PARK AVE MTL 1525 BERNARD RD WINDSOR ONTARIO	4
MOORE JOHN ALEXANDER G DAWSON COLLEGE RR 1 CHARLOTTETOWN P E	B ENG CI 2
MOORE MARION J MACDONALD COLLEGE 573 NOTRE DAME AVE ST LAMBERT QUE	TCH ELEM 1
MOONEY JOHN GEORGE M 5025 MACDONALD AVE MONTREAL QUE	PARTIAL WA 2351
MOORE JOHN ROBERT 605 COMMONWEALTH AVE BOSTON MASS ST JOHN NEW BRUNSWICK	MED DIPL 4
MOORE LOUIS AVARD 93 SELBY ST WESTMOUNT QUE 137 CENTRAL ST SUMMERSIDE P E	B ENG EL 3 WI 8673
MOORE RALPH E MACDONALD COLLEGE QUEBEC	B SC AGR 4
MOORE THOMAS HOWARD 12 AMESBURY AVE APT 86 MONTREAL QUE	B SC 4 FI 1967
MOORE WILLIAM D 5986 11TH AVE ROSEMOUNT MONTREAL QUE	B ENG MC 4 VI 1329
MORAN C LEO 3630 DUROCHER ST APT 38 MONTREAL 18 QUE	D D S 1 BE 6912
MORANTZ DANIEL J 768A BLOOMFIELD AVE OUTREMONT QUE	M SC 2 CR 7870
MORANVILLE ROGER JJ 6595 DES ECORES ST MONTREAL 36 QUE	B ARCH 3 VI 4445
MORCH JOHN EDWARD DAWSON COLLEGE BOX 227 BELLEVILLE ONT	B SC 1
MORELAND CHARLES R MACDONALD COLLEGE 60 FULTON AVE OTTAWA ONT	B SC AGR 3
MOREAU JOSEPH HUBERT 5705 16TH AVE APT 6 ROSEMOUNT MONTREAL QUE 264 CATHEDRAL AVE ST BONIFACE MAN	D D S 1 CL 6459
MOREHOUSE RALPH ERNEST MACDONALD COLLEGE CENTREVILLE DIGBY, CO N S	B SC AGR 3
MORENCY JEAN CHARLES E 857 CHARLEVOIX ST MONTREAL QUE	B COM 1 WI 8500
MORESIDE JOHN LESTER WILSON HALL BOX 148 STRASBOURG SASK	D D S 2
MORFITT DERRICK COLLIS WILSON HALL MONTREAL QUE ROYAL BANK WATROUS SASK	B ENG EL 3

NAME ADDRESS	COURSE & YEAR TEL. NO.
MORGAN DAVID KENNETH DOUGLAS HALL C O P O BOX 1456T BRISBANE AUSTRALIA	B COM 3
MORGAN JAMES STUART 1 SUMMERHILL TERRACE MONTREAL 25 QUE	B ENG PH 2 FI 3027
MORGAN JOHN D 46 SUNNYSIDE AVE WESTMOUNT QUE	B COM 2 EL 6137
MORGAN LEONARD IRVINE PETERSON RESIDENCES 25TH AVE LACHINE QUE	MD CM 1
MORGAN LORRAINE 1540 SUMMERHILL AVE MONTREAL QUE	B A 4 FI 8388
MORGAN ROBERT IVAN DAWSON COLLEGE STEYNING CRANLEIGH SURREY ENGLAND	B ENG CI 2
MORIARTY JOHANNA T KENTVILLE N S	GR N CER 1
MORHAM WALTER HOPEKIRK 41 ARGYLE AVE ST LAMBERT QUE	B A 2
MORICI VINCENZA J 3535 PARK AVE MONTREAL QUE 80 HOWE AVE PASSAIC N J U S A	MD CM 1 HA 3736
MORIN ELISE 221 OUTREMONT AVE OUTREMONT QUE	B A 1 CA 4372
MORIN JACQUES YVAN 335 WISEMAN AVE OUTREMONT QUE	B C L 1 TO 4874
MORIN MARCEL 2795 GIROUARD ST ST HYACINTHE QUE	B C L 3
MORIN RENE JACQUES 4334 OLD ORCHARD AVE N D G MONTREAL	B A 3 DE 9641
MORPHY MARGARET E MACDONALD COLLEGE 393 FERNBANK ROAD ROCKCLIFFE PK OTTAWA ONT	HOMEMAKE 1
MORRIS DANIEL 5345 DUQUETTE AVE N D G MONTREAL QUE	B C L 1 EL 2693
MORRIS HENRY C DAWSON COLLEGE 3545 GIROUARD AVE N D G MONTREAL QUE	B ENG EL 2 DE 2457
MORRIS RUTH KATHARINE 574 STANSTEAD AVE MONTREAL 6 QUE	M S W 1 AT 6185
MORRIS SIDNEY 4885 QUEEN MARY RD MONTREAL QUE	B COM 4 EX 2328
MORRISON BARRIE MCARA 3485 MCTAVISH ST MONTREAL QUE 2658 ANGUS BLVD REGINA SASK	B A 2
MORRISON G ROLFE 5951 MOLSON AVE ROSEMOUNT MONTREAL QUE	B COM 1 CR 9488
MORRISON JOAN 5951 MOLSON AVE MONTREAL QUE	M A 1 CR 9488

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MORRISON KINGSLEY MCRAE 545 PINE AVE W MONTREAL QUE	MD CM 3 MA 1545
5646 OCEAN VIEW DRIVE OAKLAND CALIFORNIA U S A	
MORRISON MARY A 2100 CLAREMONT AVE MONTREAL QUE DELIA ALTA	M S W 2 DE 6870
MORRISON PATRICIA 2156 LINCOLN AVE MONTREAL QUE 750 BRUNSWICK ST FREDERICTON N B	M S W 2 FI 3254
MORRISON ROBERT NEIL DAWSON COLLEGE 306 COMMERCIAL ST LA TUQUE QUE	B ENG 1
MORROW FREDERICK J BRUCY QUE R R 1 TRENTON N S	B SC AGR 4
MORROW MARY MATILDA 354 ST JOSEPH BLVD W MONTREAL QUE	MD CM 3 TA 2385
MORSE NORMAN JOHNSON 1125 6TH AVE VERDUN 3437 HARVARD AVE N D G MONTREAL QUE	D D S 3 YO 6396
MORSE WILLIAM INGLIS MONTREAL GEN HOSP PARADISE ANNA COUNTY NOVA SCOTIA	MED DIPL 3 PL 7751
MORTIMER DAVID LAWRENCE 869 DOLLARD AVE OUTREMONT QUE	B COM 1
MORTIN ADELE ROSALIND 297 DE L EPEE AVE OUTREMONT QUE 72 HILTON AVE TORONTO ONT	B A 3 DO 1579
MORTIN IRVING 297 DE L EPEE AVE OUTREMONT QUE 1034 WILLOUGHBY AVE BROOKLYN N Y U S A	M S W 1 DO 1579
MURRAY VERNON CLIFFORD 599 CHEMIN DU BOIS ILSE BEGRAS QUE 47 SYDNEY ST SAINT JOHN N B	B SC 4
MORTON ERNEST R PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG CH 4
MORTON JOSEPH STEWART 246 JEAN TALON ST W MONTREAL QUE	B SC 4 TA 6193
MORTON KENNETH SHERIFFS DOUGLAS HALL 833 14TH AVE NEW WESTMINSTER B C	MD CM 4
MORTON LIONEL C P 3199 DESERIGNY ST MONTREAL QUE	B COM 1
MORTON NANCY J MACDONALD COLLEGE 10 ORMSBY CRESCENT TORONTO ONT	B SC H E 1
MOSS ARTHUR BERNARD 6100 WILDERTON AVE APT 12 MONTREAL QUE	B COM 4 EX 6107
MOSS MARGARET C R 4925 MAPLEWOOD AVE MONTREAL QUE COBALT ONT	B S W 1 EX 4861
MOSSMAN CAROLYN E MCLENNAN HALL ROSE BAY LUN COUNTY N S	M SC 1 PL 0044
MOTT GORDON R 4473 WESTERN AVE WESTMOUNT QUE 809 DONALD ST FORT WILLIAM ONT	B ARCH 5
MOUAT MARGARET MANSON 1504 MACKAY ST MTL GANGES B C	MD CM 2 WI 9140
MOULDS GORDON M JOFFRE STREET MC MASTERVILLE QUE	M SC 1
MOULDS ROBERT CAMPBELL MCMASTERVILLE QUEBEC	B ENG CH 3
MOUNT GORDON MC DAWSON COLLEGE 4375 KENSINGTON AVE MONTREAL QUE	B ENG MC 2 DE 3387
MOUNT JOAN ELEANOR 4670 CHRISTOPHE COLOMB MONTREAL 34 QUE	B A 4 FA 1470
MOXLEY JOHN ELLIS MACDONALD COLLEGE QUEBEC	M SC 2
MOYA FRANCISCO J 1405 BELANGER ST APT 3 MONTREAL QUE 453 M ST VEDADO HAVANA CUBA	PH D 4 VI 7281
MRAZIK PAUL JR DAWSON COLLEGE 13 MACDONALD AVE VILLE ST LAURENT QUE	B ENG 1
MUDRY WALTER 321 GENEVA CRESCENT TOWN OF MOUNT ROYAL QUE	B COM 3 AT 6625
MUELLER GEORGE V 4044 MARCIL AVE N D G MONTREAL QUE	B SC 3 DE 7332
MUELLER ROBERT DANIEL 4044 MARCIL AVE MONTREAL QUE	B ENG EL 4 DE 7332
MUIR CHAS DONALD 2314 HARVARD AVE MONTREAL QUE BODMIN SASK	B ENG EL 4 EL 5380
MUIRHEAD ROBERT C MACDONALD COLLEGE QUEBEC	B SC AGR 4
MULLAN ASHTON WILLARD HUDSON HEIGHTS QUEBEC	B SC 4
MULLER ANNA THERESIA ROYAL VICTORIA COLLEGE 419 ACACIA RD OTTAWA ONT	B A 2
MULLIGAN GERALD A MACDONALD COLLEGE 235 ROCHESTER ST OTTAWA ONT	B SC AGR 2
MULLIGAN IVAN A 1441 DRUMMOND ST MONTREAL QUE	B A 2
MULLIGAN ROBERT C O DEPT GEOLOGY C O MRS D WILLIAMS STRAUFFER ALTA	P H 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MULLIGAN WILLIAM ORR 3647 UNIVERSITY ST MONTREAL QUE AURORA ONTARIO	D D S 4 MA 2806
MULLIGAN WILLIAM ORR C O 29 BALLANTYNE AVE S MONTREAL WEST QUE 21 SPRUCE ST AURORA ONT	PH D
MULLOY WILLIAM HERBERT 545 PINE AVE MTL 1325 FRONTENAC AVE CALGARY ALTA	MD CM 2 MA 1545
MULVEY JANET LOUISE ROYAL VICTORIA COLLEGE 655 RIDEAU ST OTTAWA ONT	B F A 1
MULVEY GERARD EDMUND 5901 HUTCHISON ST MONTREAL QUE 983 DOMINION ST WINNIPEG MAN	B ENG EL 4 CR 8963
MULVEY POLAND HUGH MACDONALD COLLEGE METCALFE ONT	B SC AG 3
MUNDEN EARL WILLIAM R DAWSON COLLEGE 469 ASH AVE MONTREAL QUE	B SC 1 WI 6393
MUNK JAN JOSEF 2764 SHERBROOKE ST E MONTREAL QUE CLARENCEVILLE QUE	B ENG EL 4 FR 4141
MUNN FRANK EUGENE 3442 PRUD HOMME AVE N D G MONTREAL QUE	B SC 3 RE 4174
MUNRO DAVID JOHN 36 DOBIE AVE TOWN OF MOUNT ROYAL QUE	D D S 2 AT 0456
MUNRO ELIZABETH ANN 779 UPPER BELMONT AVE WESTMOUNT QUE	B SC 2 EL 4755
MUNROE HUGH HANBURY 515 BENNETT STREET MONTREAL 4 QUE	H SCH DI 5 CL 3747
MUNRO HUGH K 3558 LORNE AVE APT 8	B COM 4 BE 7690
MUNRO HUGH K 3558 LORNE AVE APT 8 MONTREAL 18 QUE	B COM 4 BE 7690
MUNRO VIVIAN ROY ROYAL VICTORIA COLLEGE MONTREAL QUE	B A 4
MUNSON JOHN FREDERICK PETERSON RESIDENCE SALRCOA S SASK	B ENG PH 4
MURCH DENNIS PETERSON RESIDENCE 25TH AVE LACHINE QUE	B COM 3
MURCHISON GRACE M C MACDONALD COLLEGE 14 ORRIN AVE OTTAWA ONT	B SC H E 4
MURDOCH CHARLES H 1243 GREENE AVE WESTMOUNT QUE	B ENG MC 3 WI 9207
MURDOCH DONALD MILTON 618 PINE AVE ST LAMBERT QUE	B ENG 1
MURDOCK JAMES DAVID 1246 BROWN BLVD VERDUN QUE	M SC 1 TR 4144
MURER JAN DOUGLAS HALL OSLO NORWAY	B ENG MC 3 BE 5174
MURLEY ROY M 1480 BISHOP ST MONTREAL QUE HOLSTEIN ONT	B ENG CH 3 LA 6564
MURPHY CHARLES WALTER DOUGLAS HALL 21 SHIRLEY ST HALIFAX N S	MD CM 4 BE 1656
MURPHY DAVID ROSS 4960 PONSARD AVENUE MONTREAL QUE	MED DIPL 5 EL 6220
MURPHY EDWARD JOSEPH 1101 VICTORIA AVE FORT WILLIAM ONTARIO	B SC P E 4
MURPHY GEORGE ROSS 66 ABERDEEN AVE WESTMOUNT QUE	B A 2 DE 9779
MURPHY MOYA URSULA ROYAL VICTORIA COLLEGE 14 RENNIES MILL RD ST JOHNS NFLD	B A 1
MURPHY PATRICK FRANCIS DAWSON COLLEGE 398 FOURTH AVE VERDUN QUE	B ENG 1
MURRAY JAMES ALEX 3811 ROYAL AVE MONTREAL 28 QUE	B COM 1 DE 7621
MURRAY DONALD IVAN 413 5TH AVE VERDUN QUE SCOTSTOWN QUE	B COM 4 YO 4475
MURRAY GORDON ALEXANDER 413 FIFTH AVE VERDUN QUE SCOTSTOWN QUE	B A 4 YO 4472
MURRAY HAAKON O L MONTREAL GEN HOSP 4 COBLENTZ AVE P OF SPAIN TRINIDAD BWI	MED DIPL 1 PL 7751
MURRAY JAMES GORDON 4693 COOLBROOK AVE MONTREAL QUE	MD CM 3 DE 1887
MURRAY JOAN R MACDONALD COLLEGE 123 MAPLE AVE QUEBEC CITY QUE	B SC H E 3
MURRAY MARGARET R MACDONALD COLLEGE 66 CURZON AVE MONTREAL WEST QUE	B SC H E 1 DE 9825
MURRAY WILLIAM DARREL 6187 TERREBONNE AVE APT 3 N D G MONTREAL QUE	B ENG PH 2 EL 5624
MURRAY WILLIAM HENRY 528 PINE AVE WEST MONTREAL QUE	D D S 3 BE 9100
MURRAY WILLIAM RANDOLPH 3653 UNIVERSITY ST MTL 303 FRANK ST OTTAWA ONTARIO	MD CM 2 PL 2073
MUTCH ROBERT B 17 MELBOURNE WESTMOUNT QUE NEW DEALE MAN	B D 2 WE 6363
MUTCHLER AGNES KNOX 3600 UNIVERSITY ST MONTREAL QUE 22 ST HUBERT ST SHAWINIGAN FALLS QUE	PARTIAL
MYATT EDWARD RONALD DAWSON COLLEGE 19 5TH AVE VERDUN QUE	B ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MYERS GEORGE S 218 PERCIVAL AVE MONTREAL WEST QUE	B ENG CH 4 DE 9932
MYERS GORDON EDWARD 3541 SHUTER ST MONTREAL QUE 918 STAFFORD VICTORIA B C	PH D 2 MA 9504
MYERS THELMA ELEANOR 5344 MONKLAND AVE N D G MONTREAL QUE	B A 1
MYERS WILLIAM W 11350 STANISLAS ST VILLE ST LAURENT QUE	B A 2 BY 4929
MYLCHREEST MARY A 3430 ONTARIO AVE MONTREAL QUE 59 DOWNER AVE DORCHESTER MASS U S A	B A 3 BE 5007
MYRAN GENEVIEVE 5220 BRILLON AVE MONTREAL QUE	B SC 3 WA 9601

N

NAAS OLAV 6171 SHERBROOKE ST W MONTREAL QUE	B ENG 1
NACHSHEN SAM 4543 CLARK ST MONTREAL QUE	B COM 1 LA 9089
NADEAU JOSEPH ROLAND PETERSON RESIDENCE 25TH AVE LACHINE QUE	D D S 2
NADLER NORMAN JACOB 5421 WAVERLEY ST MONTREAL QUE	MD CM 3 CR 9402
NAIMER EVELYN 5637 CANTERBURY AVE MONTREAL QUE	B COM 2 AT 2706
NAIMER STANLEY 4949 PONSARD AVE MONTREAL QUE	B COM 1 EX 1909
NANEROW ELEANORE 524 COTE ST CATHERINE RD OUTREMONT QUE	B COM 1 DO 4466
NAOUM GEORGE DAWSON COLLEGE 15 ARTEMIDOS ST OLD FALE ATHENS GREECE	B ENG 1
NARDUZZI ENZO D 118 WESTMINSTER AVE MONTREAL WEST QUE 29 ELLEN ST FORT ERIE WEST ONT	PARTIAL DE 9865
NARIZZANO YOLA A 622 SYDENHAM AVE MONTREAL QUE	B F A 3 EL 2897
NASH NANCY C MACDONALD COLLEGE 82 SOMERSET WEST OTTAWA ONT	B SC H E 4
NASON EILEEN SINCLAIR 3630 DUROCHER ST MONTREAL QUE	MD CM 3
NATHANSON JOSEPH 3830 DROLET ST MONTREAL QUE	B ENG MC 4 MA 8117
NATHANSON ROBERT 133 CLERMONT AVE MONTREAL QUE	B COM 4 TA 8228
NATHANSON LYON 376 CLARKE AVE WESTMOUNT QUE	B ARCH 4 WE 1444
NATURMAN LOUIS DAWSON COLLEGE 1185 MOUNT ROYAL BLVD W OUTREMONT QUE	B ENG CH 1 CR 2518
NAUDIN RAYMOND M H DAWSON COLLEGE QUE PRAIA DE RUSSEL 52 RIO DE JANEIRO BRAZIL	B ENG EL 2
NAVES WILLIAM 330 CONGREGATION ST MONTREAL QUE	B ENG EL 3 FI 6781
NEAL JOHN A 99 FIFTH AVE VERDUN QUE	B SC 4 YO 7508
NEAL MARGARET EILEEN 645 PRINCE ARTHUR ST W APT 13 MONTREAL QUE 605 MINOR AVE APT 306 SEATTLE WASH U S A	B N 2 MA 6621
NEALE BARBARA RUTH 47 BEACONSFIELD BLVD BEACONSFIELD QUE	B A 2
NEATE MARY E J MACDONALD COLLEGE 226 OAK AVE ST LAMBERT QUE	TCH INT 1
NEF IRENE JEANNE ANDREE 555 SHERBROOKE ST W MONTREAL QUE 494 LANSDOWNE RD ROCKCLIFFE PARK ONT	B A 3
NEIMAN GREGORY MARTIN A 3050 WESTMOUNT BLVD MONTREAL QUE CORNER BROOK NEWFOUNDLAND	MED DIPL 2 WI 3807
NEIMAN SYLVIA 3050 WESTMOUNT BLVD MONTREAL QUE CORNER BROOK NEWFOUNDLAND	B A 3 WI 3807
NELSON HUGH MCGREGOR 1 KINDERSLEY ROAD TOWN OF MOUNT ROYAL QUE 8 STANLEY ST AMHERST N S	B ENG CH 3 AT 3602
NELSON WILLIAM F PETERSON RESIDENCE LACHINE QUE	B ENG MC 3
NERENBERG SHIRLEY 5333 HUTCHISON ST MONTREAL QUE	B SC 4 GR 2057
NESS MARY EILEEN MACDONALD COLLEGE HOWICK QUE	B SC H E 2
NESS OWEN MACGREGOR MACDONALD COLLEGE HOWICK QUE	B SC AGR 2
NESS ROBERT W 46 PACIFIC AVE SENNEVILLE QUE	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
NETH EDWARD JOSEPH 42 EAST THORME ST BRIDGEPORT 6 CONN U S A	MD CM 1
NETTEL STEPHEN DAWSON COLLEGE 4161 MELROSE AVE N D G MONTREAL QUE	B ENG 1 WA 6036
NETTEN EDWARD WILLIAM 483 CRESCENT ST ST LAMBERT QUE	B COM 3
NETTLETON GEORGE H J 3430 DRUMMOND ST MTL 13 LINDEN TERRACE OTTAWA ONT	B COM 1 PL 0789
NEUFELD ABRAM HERMAN 4600 DRAPER AVENUE MONTREAL QUE	MD CM 4 DE 9953
NEVARD HENRY BALLON 4377 WESTMOUNT AVE WESTMOUNT QUE	B SC 3 DE 5886
NEVILLE PHILIP CO 2197 OXFORD AVE MONTREAL QUE	B ENG EL 4 EL 0923
NEW DESMOND J MACDONALD COLLEGE 655 VICTORIA AVE WESTMOUNT QUE	B SC AGR 3
NEWBURY CLIFFORD BURT 2094 LINCOLN AVE APT 1 MONTREAL QUE	B ENG CH 3 FI 9573
NEWCOMB MARY ELIZABETH 3457 REDPATH ST MONTREAL QUE	B SC 1 HA 7864
NEWCOMB WEBSTER KENT 3457 REDPATH ST MONTREAL QUE	B A 4 HA 7864
NEWELL WILLIAM G 45 ST PIERRE STE ANNE DE BELLEVUE QUE 2 ELLSWICK RD CORNERBROOK NEWFOUNDLAND	B SC AGR 3
NEWINGTON BRUCE H 3557 DUROCHER ST 25 OSSINGTON AVE OTTAWA ONT	B ENG CI 3 HA 7512
NEWMAN BRUCE D 1250 EVERETT ST MONTREAL QUE	B ENG MC 4
NEWMAN JOHN S 5442 GROVEHILL PLACE MONTREAL QUE	B ENG CI 4 WA 8682
NEWMAN JEAN E MACDONALD COLLEGE R R 1 MERRICKVILLE ONT	B SC AGR 2
NEWMAN DAVID A H DAWSON COLLEGE 3841 MELROSE AVE N D G MONTREAL QUE	B ENG EL 2
NEWMARK LOIS RUTH 377 GROSVENOR AVE WESTMOUNT QUE	B A 2 WA 2939
NEWTON CLARKE P WILSON HALL 145 WEST 135TH ST NEW YORK CITY N Y U S A	B SC 2
NEWTON ERIC N PETERSON RESIDENCES 260 HARRISON AVE HIGHLAND PK N J U S A	B A 2
NEWTON FRANCIS F WILSON HALL MONTREAL QUE	B ENG CI 4
NEWTON ROBERT ARTHUR 7505 BIRNAM AVE MONTREAL 15 QUE	B SC P E 4 CA 5461
NEWTON WILLIAM EVANS 3851 UNIVERSITY ST MONTREAL QUE SAANICHTON B C	MD CM 3
NIAZI MOHAMMED ABDUL PRESBYTERIAN COLLEGE MONTREAL QUE PUNOO KHEL MIANWALI WEST PANJAB WEST PAKISTA	B ENG CI 4 BE 0421
NICHOL ARTHUR BOYD 2242 OLD ORCHARD AVE MONTREAL QUE NEW MILLS N B	B ARCH 3 WA 5741
NICHOL MARY E 1164 EGAN AVE VERDUN QUE	M S W 1 TR 0516
NICHOL WALTER WISGATE 1164 EGAN AVE VERDUN QUE DUTTON ONTARIO	M4 CM 3 TR 0516
NICHOLAS WILLIAM JAMES 5778 DES ERABLES ST MONTREAL QUE 177 35 LESLIE AVE SPRINGFIELD GDNS N Y	B ENG CI 3 DO 7731
NICHOLS WILLIAM JOHN FIELD HOUSE 13 SEAR SUCKER CORNERS TRASH BASKETVILLE ALASKA	B COM 3 PL 3332
NICHOLSON GAVIN MACDONALD COLLEGE 459 COTE ST ANTOINE RD WESTMOUNT QUE	B SC AGR 2
NICHOLSON JAMES W G MACDONALD COLLEGE CRAPAUD P E I	B SC AGR 3
NICHOLSON LORNA SHIRLEY 1839 LINCOLN AVE WESTMOUNT QUE 108 MONCK AVE NORWOOD MAN	M S W 1 FI 3401
NICHOLSON MARY L 3520 MCTAVISH ST MONTREAL QUE	MUS QUAL 1 LA 3317
NICKEL KATHERINE 12 MELBOURNE WESTMOUNT BORDEN SASK	B L S 1 WE 2530
NICKERSON GRANVILLE H 16 WESTLAND AVE BOSTON MASS U S A LIVERPOOL NOVA SCOTIA	MED DIPL 4
NICKILO DOMINIC JOSEPH DAWSON COLLEGE 6697 PAPINEAU AVE ★ MONTREAL QUE	B ENG CI 2 VI 6835
NICKELS WALTER HEYWARD 1179 HOPE AVE MONTREAL 25 QUE	H SCH DI 5 WE 8797
NICOLAIDES EMMANUEL DAWSON COLLEGE 19 SKOUFAX ST ATHENS GREECE	B ENG 1
NICOLL GORDON DAVID 355 MELVILLE AVE WESTMOUNT QUE 12370 REED ST CARTIERVILLE QUE	B ENG CH 4 WE 6984
NIEBYL ELIZABETH C H 24C CHAMPLAIN COLLEGE PLATTSBURG N Y U S A	PH D 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
NIELSEN NIELS HOE G 549 ABERCORN AVE TOWN OF MOUNT ROYAL QUE	B A 3 AT 2177
NIES KATHLEEN ANN 4000 OXFORD AVE MONTREAL QUE	B A 1 DE 6877
NIKOLAIDIS GEORGE DAWSON COLLEGE 12 TOSITSA ST ATHENS GREECE	B ARCH 1
NIKOLAIDIS JACK DAWSON COLLEGE 12 TOSITSA ST ATHENS GREECE	B ENG 1
NILOFF PAUL HYMAN ROYAL VICTORIA HOSPITAL LONDON ST SHERBROOKE QUE	MED DIPL 4 PL 1251
NIRENBERG DEBORAH 4845 PARK AVE MONTREAL QUE	B SC 3 VI 3969
NISHIO REI 7391 DENORMANVILLE ST MONTREAL QUE	B A 2 VI 5058
NIXON RONALD DAVID 3508 UNIVERSITY ST MONTREAL QUE 11 GARDEN HILL AVE MONCTON N B	MD CM 4 BE 0752
NIXON WILLIAM ALEXANDER PETERSON RESIDENCE 205 10 AVE N CALGARY ALTA	D D S 3
NOAKES PETER JOHN DAWSON COLLEGE C O V O C LAGUNILLAS ESTADO ZULIA VENEZUELA	B ENG CH 2
NOBLE GEOFFREY C MACDONALD COLLEGE 216 ST CLAIR AVE WEST TORONTO ONT	B SC AGR 3
NOEL CHARLES EDWIN O 755 ALLARD AVE VERDUN QUE	B COM 2 TR 3735
NOEL JOHN HAROLD 1124 CRAWFORD BRIDGE ST VERDUN QUE	B ENG EL 4 TR 4004
NOLTIE HELEN ELIZABETH 440 MOUNT STEPHEN AVE MONTREAL QUE	B A 1 DE 3459
NOODELMAN ALFRED 3888 CITY HALL AVE MONTREAL QUE	B COM 2 HA 1833
NORBURY MAY ELIZABETH R R NO 2 LADYSMITH V I B C	B L S 1
NORBURY THOMAS DAWSON COLLEGE 513 ARLINGTON AVE TORONTO ONT	B ENG MI 2
NORMAN DAVID WYLIE 3657 JEANNE MANCE MTL 23 HOPEFIELD AVENUE LIGUANEA P O JAMAICA B W I	MD CM 4 LA 6078
NORMORE WILLIAM MILTON 1563 MC GREGOR ST MONTREAL QUE MAIN ST BELL ISLAND NEWFOUNDLAND	B SC 3 FI 8302
NORRIS BARBARA M MACDONALD COLLEGE 4155 BEACONSFIELD AVE N D G MONTREAL QUE	B SC H E 3 DE 9532
NORTH GEOFFREY H 4022 DORCHESTER W MONTREAL 6 QUE	B A 4 FI 8770
NORTON ROBERT JEFFREY PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG PH 4
NOSEWORTHY JOAN EDNA 7 PARK PLACE APT 6 WESTMOUNT QUE	A & S CO 1 FI 7695
NOTKIN HARRY DAVID 4927 JEAN BRILLANT MONTREAL QUE	B COM 4 AT 6410
NOTKIN JOAN CAROL 5584 WOODBURY AVE MONTREAL QUE	B A, 2 AT 1445
NOTMAN JANET ELIZABETH MACDONALD COLLEGE 27 BELLEVVE TERRACE ST CATHARINES ONT	B SC H E 1
NOVAK YVETTE 3525 HUTCHISON ST MONTREAL QUE	B SC 2 HA 3498
NOVOTNY JAN MARIA 379 ELM AVE WESTMOUNT QUE	B COM 3 WE 9000
NOWAK STANLEY 3509 HUTCHISON ST APT 4 MONTREAL QUE	B ENG EL 4
NUCCI CONSTANT 4009 ST ANDRE ST MONTREAL QUE	B A 3 AM 5059
NURSE WILFRED G DAWSON COLLEGE 825 SECOND AVE VERDUN QUE	B ENG CI 2 YO 9610
NUTTER FREDERICK HEINZ 48 CHESTERFIELD AVE WESTMOUNT QUE	B COM 2 EL 7114
NYE WILFRED DONALD 1224 ST MATTHEW ST MONTREAL QUE	B COM 3 WE 4013
NYESTE ZOLTAN BENEDEK 5215 VICTORIA AVE MONTREAL QUE	D D S 1 AT 8900

O

OAKES EDITH D 25 PERRAULT AVE STE ANNE DE BELLEVUE QUE FAREWELL AVE R R 4 OSHAWA ONT	B SC H E 4
OAKLEY DONALD A 457 DULWICH AVE ST LAMBERT QUE	B A 3
OATWAY HAROLD C 1285 OUIMET APT 23 ST LAURENT QUE	M ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
O BEIRN GEORGE B 3495 VAN HORNE AVE MONTREAL QUE	B COM 1 AT 2071
O BRIEN EDWARD GEORGE 140 ST JOSEPH BLVD W MONTREAL 14 QUE	MD CM 2 CR 0686
O BRIEN ELIZABETH J 405 CLARKE AVE WESTMOUNT QUE	B A 1 WE 4152
O BRIEN HAZEL CATHERINE 140 ST JOSEPH BLVD W MONTREAL QUE	B A 3 CR 0686
6 BRIEN JOHN WILFRED 3508 UNIVERSITY ST MONTREAL QUE 894 THIRD AVE W OWEN SOUND ONT	B A 1
O BRIEN JOSEPH E KELLY SQUARE MCMASTERVILLE QUE	B A 3
O BRIEN LESLIE J 279 MONKLAND BLVD VILLE ST LAURENT QUE	B ENG CI 4
O BRIEN MARGARET A 140 ST JOSEPH BLVD W MONTREAL 14 QUE	B A 1 CR 0686
O BRIEN ROBERT ANTHONY 67 RIDOUT STREET APT 4 LONDON ONT	B L S 1
O BRIEN ROBERT S C 405 CLARKE AVE WESTMOUNT QUE	B A 4 WE 4152
O BRIEN WYMAN NOEL 5190 ST HUBERT ST MONTREAL QUE WALTON HANTS COUNTY NOVA SCOTIA	B ENG MI 3 VI 1696
O CONNELL JOAN MARY 4817 WILSON AVE N D G MONTREAL 29 QUE	B A 3 EL 8973
O CONNELL MARGARET W 4817 WILSON AVE N D G MONTREAL QUE	B A 1 EL 8973
ODELL WILLIAM DONALD 233 PERCIVAL AVE MONTREAL WEST QUE	B COM 2 DE 8116
ODERBERG MARK AARON DAWSON COLLEGE 6050 HUDSON RD MONTREAL QUE	B SC 1 AT 1270
ODINOTSKI WALTER 3479 CITY HALL AVE MONTREAL QUE	B ENG CH 3
O DONNELL VINCENT J 3208 GUYARD AVE MONTREAL QUE	B SC 3
ODZE WALTER K 4608 DECARIE BLVD APT 4 MONTREAL QUE	M ENG 2 EL 8126
OELBAUM RONALD 731 ROCKLAND AVE OUTREMONT QUE	B COM 1 TA 1186
OFFICER SHIRLEY MAE ROYAL VICTORIA COLLEGE 1030 DEVONSHIRE CRES VANCOUVER B C	B SC 3
OFFICIA EDWARD LOUIS DAWSON COLLEGE 41 LAKESHORE ROAD VALOIS QUE	B ENG 1
OFFORD ALICE ANNE ROYAL VICTORIA COLLEGE 143 KING ST PORT COLBORNE ONT	B A 3
OGDEN RICHARD A G DOUGLAS HALL 679 MOUNT JOY AVE VICTORIA B C	B A 4
OGILVIE ELSIE C 1509 SHERBROOKE ST W APT 15 MONTREAL QUE BOX 614 LAKEFIELD ONT	PARTIAL
OGILVIE NEIL FRANCIS 209 14TH AVE RICHELIEU QUE BURLINGTON N S	B ENG PH 4
OGILVY JAMES PATON 53 BALLANTYNE AVE N MONTREAL QUE	B COM 2 DE 8106
OGILVY JOHN ANGUS 32 BALLANTYNE AVE N MONTREAL WEST QUE	B A 2 DE 0915
OGLE WILLIAM ALBERT PETERSON RESIDENCES 25TH AVE LACHINE QUE	MD CM 3
O HANLEY JOHN HUBERT 545 PINE AVE W MONTREAL QUE ST PETER S BAY P E I	MD CM 4 MA 1545
OHASHI JOAN MASUKO 3451 PRUD HOMME AVE N D G MONTREAL QUE	B SC 1 EL 1246
OHEIR SUSAN STEANS 76 BELVEDERE PLACE WESTMOUNT QUE	B A 1 WE 3881
OKOH FESTUS OKAI DAWSON COLLEGE 240 BROADWAY AVE NEW YORK CITY N Y	B SC 1
OLDHAM DAVID A 442 LANSDOWNE AVE WESTMOUNT QUE 52 WESTLAND AVE BOSTON 15 MASS	B ARCH 3 DE 5022
OLIVER GRAHAM D C 254 BALLANTYNE AVE NORTH MONTREAL WEST QUE	B COM 2 DE 1254
OLIVER JOHN A 370 KENSINGTON AVE WESTMOUNT QUE	M A 1 WE 1741
OLIVER MICHAEL K 3025 LINTON AVE MONTREAL QUE ★	PH D 2
OLIVIER JOSEPH EDWARD BROOKLINE QUE 2185 FREDERICK AVE BURNABY B C	MD CM 1
OLIVIER LEO PAUL 1374A DE4ONTIGNY ST E MONTREAL QUE COATICOOK QUE	MUS QUAL 1
OLLIVIER PAUL 3466 MCTAVISH ST MONTREAL QUE 76 MALBOROUGH ST OTTAWA ONT	B C L 2 PL 4732
OLSEN NORMAN J 451 PINE AVE ST LAMBERT QUE ★	B ENG MC 3
OLSON JOSEPH D 2084 DECARIE BLVD N D G MONTREAL QUE 304 CATHERINE ST FORT WILLIAM ONT	B ENG CI 4 EL 3012
OLSON LOIS ALBERTA ROYAL VICTORIA COLLEGE NISKU ALBERTA	PHYSIOTH 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
OLSON ROBERT GISLI DOUGLAS HALL 2222 16TH ST COLUMBUS NEB U S A	M A 1
OLSZEWSKI JERZY 3801 UNIVERSITY ST MONTREAL QUE	PH D 1
O NEIL ANNE MARIE R ROYAL VICTORIA COLLEGE 36 MOULTON ST LYNN MASS U S A	B SC 3
O NEILL BRIAN FRANCIS 69 BROCK AVE MONTREAL WEST QUE	B COM 3 DE 7537
O NEILL GERALD JOSEPH 3615 DUROCHER ST MONTREAL QUE BUCKINGHAM QUE	B SC 4
O NEILL LAWRENCE M 2053 METCALFE ST MONTREAL QUE MASSON QUE	B COM 4 LA 4861
ONESTI SILVIO JOSEPH 456 PINE AVE APT 32 MONTREAL QUE 740 PINE ST SAN FRANCISCO CALIF	MD CM 3 LA 0867
ONSTAD DONNA DOREEN ROYAL VICTORIA COLLEGE WEYBURN SASKATCHEWAN	B A 2
ONYSZCHUK MARIO 6242 LOUIS HEBERT AVE MONTREAL QUE	B SC 3 VI 6714
O QUINN JAMES P 3575 JEANNE MANCE APT 5 MONTREAL QUE 5 LEMARCHANT RD ST JOHN S NFLD	M A 3 PL 6507
ORBACH JACK 5555 ST URBAIN ST MONTREAL QUE	M A 1 CR 0337
ORBANE LOUIS 4317 BANNANTYNE AVE VERDUN QUE	B ENG EL 4 YO 5161
O ROURKE DONALD P F 5030 LOUIS VEUILLOT ST MONTREAL 5 QUE	PARTIAL CL 4403
ORPEN WALTER PATRICK 231 35TH AVE LACHINE QUE	B SC P E 4
ORR ALFRED M 341A WESTMINSTER AVE MONTREAL WEST QUE 581 SHIELDS ROAD POLLOKSHIELDS GLASGOW SCOTLAND	B SC 3 DE 4043
ORR ALFRED T 1285 REDPATH CRESCENT MONTREAL QUE LEMOH FARMS R R 2 DUNHAM QUE	B SC 4 HA 5093
ORR JOHN 6299 MOLSON ST MONTREAL QUE	B ENG CH 3 CR 2206
ORR MABEL SWEET 445 BIRCH AVE ST LAMBERT QUE	B SC 3
ORTEGA JOSE MARIA 447 PRINCE ALBERT AVE APT 2 MONTREAL QUE CLUB VENEZUELA CARACAS VENEZUELA	B ENG CI 3 RE 1671
ORVIG SVENN Y M C A DRUMMOND ST MONTREAL QUE WELHAVENS GATE 71 BERGEN NORWAY	M SC 1
OSBORNE FRELEIGH J F 5426 CLANRANALD AVE MONTREAL QUE	B SC 4 EL 7264
OSLER JOHN CHARLES DAWSON COLLEGE 4514 OLD ORCHARD AVE N D G MONTREAL QUE	B ENG CI 2 EL 3855
OSLER PHILIPPA ETHEL 3464 MOUNTAIN ST MONTREAL QUE	B A 1 PL 5672
OSMUN DAVID OLIVER 258 SHERBROOKE ST MTL 196 CARTIER ST OTTAWA ONT	B ENG CI 3
OSTIGUY JOSEPH M 4012 DELORIMIER AVE MONTREAL QUE	B C L 1 AM 1787
OSTROVSKY SARAH 4068 LAVAL AVE MONTREAL QUE	B SC 3 BE 3272
O SULLIVAN RICHARD J 31 SPRINGFIELD AVE WESTMOUNT QUE	B ENG CI 3 DE 0107
O TOOLE EDWARD WILLIAM 2156 SHERBROOKE ST MONTREAL QUE	B C L 3 WI 3096
O TOOLE ELIZABETH C 2156 SHERBROOKE ST W MONTREAL QUE	B C L 3 WI 3096
OUGHTRED GEORGE W 264 UNION BLVD ST LAMBERT QUE	B COM 2
OULTON JOHN LEYS 204 ELM AVE ST LAMBERT QUE	MD CM 4
OUTERBRIDGE PETER N 3647 UNIVERSITY ST MONTREAL QUE 10 KING S BRIDGE RD ST JOHN S NFLD	B ENG AM 4 MA 2806
OUTERBRIDGE WILLIAM A SMITH S PARISH BERMUDA S A	D D S 1
OUTHET MURRAY M MACDONALD COLLEGE	B SC AGR 4
OVERHOFF MARIO WILLIAM 5407 EARNSCLIFFE AVE N D G MONTREAL QUE	B SC 4 DE 2168
OWEN HERBERT FRANK 3600 BENNY AVE APT 21 MONTREAL QUE	MED DIPL 5 RE 7932
OWENS OWEN ERNEST 788 UPPER BELMONT AVE WESTMOUNT QUE	M SC 1 EL 5667
OWENS RICHARD WHITTALL DAWSON COLLEGE 788 UPPER BELMONT AVE WESTMOUNT QUE	B SC 2
OXLEY ADELE MACKENZIE 629 NOTRE DAME AVE ST LAMBERT QUE	B SC 2
OZAWA GRACE 3608 DE BULLION ST MONTREAL QUE 106 JOHN ST NORTH HAMILTON ONT	B SC 2 BE 8505

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NAME ADDRESS	COURSE & YEAR TEL. NO.
P	
PACE WILLIAM E MONTREAL GENERAL HOSP 4059 OXFORD AVE N D G MONTREAL QUE	MED DIPL 2 PL 7751
PACHON GOMEZ ROSALBA MCLENNAN HALL CALLE 18 NO 5 96 COLOMBIA S A	M ENG 1 PL 0044
PACKHAM JAMES MC LEOD 35 HOLTON AVE WESTMOUNT QUE	B COM 2 WI 0482
PADILLA BEATRIZ R ROYAL VICTORIA COLLEGE 7 AV S PROL 5 C TIVOLS GUATEMALA CITY	B A 1
PALAYEW MAX JACOB 4146 ST DOMINIQUE ST MONTREAL QUE	B A 3 MA 3584
PALECHKA ANTHONY J 7572 BLOOMFIELD AVE MONTREAL 15 QUE	B COM 2
PALEN FRANK FREDERICK 3639 ST FAMILLE ST APT 18 MONTREAL QUE	B ENG EL 4 LA 1673
PALHARES JOSE C DE S 1117 ST CATHERINE ST W ROOM 510 MONTREAL QUE 4618 HAMPTON AVE N D G MONTREAL QUE	PARTIAL MA 7966
PALMER JOAN HAMMOND 629 GROSVENOR AVE WESTMOUNT QUE	B A 2 DE 7158
PALMER JOHN D ROYAL VICTORIA HOSP 1114 ELGIN TERRACE PEEL APT 101 MONTREAL QUE	MED DIPL 5
PALMER LILLA ANN 215 39TH AVENUE LACHINE QUE	B A 2
PALMER LINDA F 464 MOUNTAIN AVE WESTMOUNT QUE	B A 3 WE 3223
PALMER MARY ELIZABETH ROYAL VICTORIA COLLEGE 323 POPLAR AVE SUMMERSIDE P E I	B SC 4
PALMER SHIRLEY A MACDONALD COLLEGE BOX 225 KINGSTON JAMAICA B W I	B SC H E 2
PALMER WILFRED HOWARD 1 REDPATH ROW MONTREAL 25 QUE	B SC 3 FI 7970
PALSSON PETUR 680 ROSLYN AVE WESTM T 3 SKOLAVORDUSTIGUR REYKJAVIK ICELAND	B ENG CH 4 WA 3804
PALTIEL DANIEL M 4760 RIDGEVALE AVE APT 7 MONTREAL QUE	M A 2 EX 6095
PALTIEL FREDA L 4845 COTE STE CATHERINE APT 7 MONTREAL QUE	M S.W 2
PALTIEL KHAYYAM ZEV 4845 COTE ST CATH RD APT 7 MONTREAL QUE	PH D 4 HA 3642
PALTIEL R NAOMI 4293 ESPLANADE AVE MONTREAL QUE	MD CM 3 LA 5738
PALTIEL SARAH W 4760 RIDGEVALE AVE APT 7 MONTREAL QUE	B A 2 EX 6095
PANGBORN WILLIAM ALLAN DAWSON COLLEGE 820 DESMARCHAIS BLVD VERDUN QUE	B ENG 1
PANDELIDIS STEPHEN DAWSON COLLEGE SEVENALS FARM ARKESDEN ESSEX ENGLAND	B ENG 1
PANETTA FRANK DOMINIC 5679 ST URBAIN ST MONTREAL QUE	B ENG EL 4 VI 8189
PANGMAN ISABEL DAPHNE 621 CLARKE AVE WESTMOUNT QUE	B A 1 WE 2024
PANGMAN PETER M 621 CLARKE AVE WESTMOUNT QUE	B A 3 WE 2024
PANOPALIS HELEN 55 NELSON AVE OUTREMONT QUE	MUS QUAL 1 CA 5003
PADLELLA SALVATORE 414 PRINCE ARTHUR ST W MONTREAL 2000 WASHINGTON AVE BRONX 57 N Y C U S A	B A 3
PAPACHELAS ARISTOMENIS 5530 VICTORIA AVE APT 5 MONTREAL QUE 2 ZAKYNTHOU ATHENS 8 GREECE	B ENG MC 3
PAPADOPOULOS ANAST DAWSON COLLEGE 24 SPARTIS STREET ATHENS 8 GREECE	B ENG CH 2
PAPALEONARDOS D DAWSON COLLEGE NEOPLYTON DOUK GREECE	B ENG 1
PAPAS ERNEST C 823 BLOOMFIELD AVE OUTREMONT QUE	B COM 2 DO 9184
PAPICH FILIP D 1413 ARGYLE AVE MONTREAL QUE	B SC 4 BE 3254
PAQUETTE FERNAND ROBERT 629 PRINCE ARTHUR ST W MONTREAL QUE 400 NOTRE DAME ST GRANBY QUE	B ENG MI 4 MA 0739
PARE JULES ARTHUR PETER ROYAL VICTORIA HOSPITAL 33 ROSEMOUNT AVE WESTMOUNT QUE	MED DIPL 4 WE 4722
PARE MARCEL R 7026 BORDEAUX ST MONTREAL QUE	B ENG MC 4 CR 7537
PARENT MICHEL 5576 STIRLING AVE MONTREAL QUE	B SC 3 AT 0732
PARIS JACQUES S 4247 FABRE ST MONTREAL QUE	B C L 1 AM 1356
PARKE CHARLES R 2251 WILSON AVE N D G MONTREAL QUE	B ENG CI 4 EL 6266
PARKE JOHN A B MACDONALD COLLEGE 3819 CLAUDE ST VERDUN QUE	TCH INT 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PARKER ALBERT M 3420 HINGSTON AVE N D G MONTREAL QUE	B ENG MC 3 DE 3341
PARKER ERIC ROSS 4535 GRAND BLVD N D G MONTREAL QUE	B SC 2 WA 8485
PARKER HENRY ELLIOTT DAWSON COLLEGE 4166 HINGSTON AVE N D G MONTREAL QUE	B ENG MC 2
PARKER HORACE VICTOR 3429 PEEL ST MTL TABER ALBERTA	MD CM 4
PARKER LAWRENCE A 4554 KING EDWARD MTL BOBCAYGEON ONT	B ENG EL 3
PARKIN ELIZABETH S 4100 COTE DES NEIGES RD APT 3 MONTREAL QUE	B A 4 FI 5891
PARKS DONALD STUART WILSON HALL 949 ST PROSPER ST THREE RIVERS QUE	B ENG CH 3
PARRY JENNIFER RAY	B A 3
PARROTT KENNETH BRUCE DAWSON COLLEGE 252 PRINCE ALBERT ST WESTMOUNT QUE	B SC 2
1100 ELGIN TERRACE MONTREAL QUE	BE 1195
PARSONS BASIL IAN 3506 UNIVERSITY ST MONTREAL QUE 1775 ASSINIBOINE AVE ST JAMES WINNIPEG MAN	B SC 4
PARSONS CONSTANCE J ROYAL VICTORIA COLLEGE 301 HAMILTON AVE ST JOHN S NEWFOUNDLAND	B A 1
PARSONS CYNTHIA G MACDONALD COLLEGE KING S BRIDGE COORT ST JOHN S NEWFOUNDLAND	B SC H E 4
PARSONS DAVID WILLIAM 352 MERCILLE AVE ST LAMBERT QUE	B COM 2
PARSONS FRANK WATSON 3485 MCTAVISH ST MTL OCHRE PIT COOE CONCEPTION BAY NFLD	MD CM 2 BE 0424
PARSONS JAMES LESLIE DAWSON COLLEGE 346 LANSDOWNE AVE WESTMOUNT QUE	B ENG CI 2 DE 2889
PARSONS MARGARET A MACDONALD COLLEGE 803 MELROSE AVE VERDUN QUE	TCH ELEM 1
PARSONS ROSS LESLIE 2 BELLEVUE PARK PTE CLAIRE QUE	B COM 3
PARSONS TIMOTHY R MACDONALD COLLEGE 8 ARUNDEL TERRACE BUDE CORNWALL ENGLAND	B SC AGR 1
PARSONS WM DAVID 508 GROSVENOR AVE WESTMOUNT QUE	MD CM 3 EL 7618
PARSONS WILLIAM D DAWSON COLLEGE 150 WESTMINISTER AVE MONTREAL WEST QUE	B ENG MC 2 DE 1598
PARTRIDGE STEPHEN B 3545 PARK AVE MONTREAL QUE HAWKESBURY ONT	B ENG MC 3 PL 3698
PASCAL SHEILA LOIS 658 STUART AVE OUTREMONT QUE	B SC 1 CR 0366
PASCOE ENID GRACE 4826 VICTORIA AVE MONTREAL QUE	B SC 2 WA 1602
PASHLEIGH DOUGLAS J BOX 1000 STANBRIDGE EAST QUE	B SC AGR 2
PATCH FRANCES STEWART 118 ABERDEEN AVE WESTMOUNT QUE	B A 4 DE 4812
PATCH HOWARD M 338A ROSLYN AVE WESTMOUNT QUE	B ARCH 4 EL 5116
PATCHELL DAVID R 3737 HUTCHISON ST APT 5 MONTREAL QUE 508 RATHGAR AVE WINNIPEG MAN	B ENG MC 3 MA 6796
PATE THOMAS 425 GORDON AVE VERDUN QUE	B SC 4 YO 0942
PATERSON CALVIN A 4084 MADISON AVE MONTREAL 28 QUE	B ENG CI 4 DE 1330
PATERSON KATHERINE 1634 SELKIRK AVE MONTREAL 25 QUE	B A 2 FI 5833
PATERSON LAURIE A MCLENNAN HALL WESTBOURNE MAN	M A 1
PATERSON LESLY I 3480 ONTARIO AVE MONTREAL QUE WESTBOURNE MAN	M A 1 PL 0044
PATIENCE RICHARD EARL DAWSON COLLEGE 4583 HINGSTON AVE N D G MONTREAL QUE	B ENG 1 DE 3843
PATON JAMES W DAWSON COLLEGE 491 ARGYLE AVE MONTREAL QUE	B ENG 1 WI 9831
PATON JOHN EUGENE GRANDHOME HOUSE ABERDEEN SCOTLAND	B SC 1
PATRICK MURRAY CARL 6376 BANNANTYNE AVE VERDUN QUE	MD CM 2
PATTERSON BRIAN W 5352 10TH AVENUE RSMT MONTREAL 36 QUE	B COM 4
PATTERSON EDWARD 667 MOFFAT AVE VERDUN QUE	B COM 4 TR 1965
PATTERSON GARRON STEVEN 1 ROSEMOUNT AVE APT 36 WESTMOUNT QUE	B SC 3 WI 1443
PATTERSON GORDON L 1545 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B COM 2 AT 2595
PATTERSON IAN G 3950 RIDGEVALE AVE APT 10 MONTREAL QUE 20 LACY RD KINGSTON JAMAICA B W I	B COM 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PATTERSON JOHN 3437 PEEL ST MONTREAL QUE 211 DUFFERIN AVE BELLEVILLE ONT	B ARCH 3 PL 1674
PATTERSON MARGARET J 4578 MICHEL BIBAUD AVE WESTMOUNT QUE	B SC P E 2 EX 1322
PATTERSON OTTO ERNEST MACDONALD COLLEGE 5500 VICTORIA APT 17 MONTREAL QUE	B SC AGR 2
PATTERSON WILBUR R 4820 BORDEN AVE MONTREAL QUE	B C L 3 WA 8450
PATTISON ANNE HAWTHORNE ROSEMERE QUE	B SC 1
PATTON WALTER ALLAN 202 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B COM 3 EX 1351
PAUL JOSEPH ROBERT 3777 COTE DES NEIGES RD MONTREAL QUE	B F A 1 FI 6029
PAUL ROBERT CLARE ALMONTE ONT	B SC AGR 2
PAUL IRVING H 4514 HUTCHISON ST MONTREAL QUE	M A 1 CR 8354
PAUL KENNETH HAIG 4230 CAVENDISH AVE N D G MONTREAL QUE	B COM 4 DE 6472
PAUL RICHARD CORLEY 4630 HAMPTON AVE MONTREAL QUE	B COM 2 DE 0371
PAUL THOMAS I 4630 HAMPTON AVE N D G MONTREAL QUE	B COM 2 DE 0371
PAUL WILLIAM 1648 LECLAIR AVE VERDUN QUE	B ENG CI 4 HE 3858
PAULETTE ROBERT EDWIN DOUGLAS HALL 45 ABENAQUIS ST SHERBROOKE QUE	B SC 3
PAVICH MICHAEL 3673 PARK AVE MONTREAL QUE 602 CLINTON ST VANCOUVER B C	M ENG 1 MA 5911
PAVLASEK TOMAS JAN F 506 PRINCE ALBERT AVE WESTMOUNT QUE	2 EL 7772
PAWLAKOS OLGA H ROYAL VICTORIA COLLEGE 32 ABINGTON AVE E NEWARK N J U S A	B A 2
PAYETTE LEON JOSEPH W 3465 RIDGEWOOD AVE MONTREAL QUE	B C L 3 HA 8254
PAYETTE ROBERT 64 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE 314 MELANCON ST DRUMMONDVILLE QUE	B ENG CI 3 AT 7083
PAYNE GEORGE B DAWSON COLLEGE QUE 2 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B ENG 1 AT 3539
PAYNE HAZEL MARION ROYAL VICTORIA COLLEGE 59 WALTHAM PK DR HF WAYTREE JAMAICA B W I	B SC 3
PAYNE THOMAS M B MACDONALD COLLEGE QUEBEC	B SC AGR 4
PAYNE TORRENCE P B 5140 MENTANA ST APT 5 MONTREAL QUE	PH D 3 CA 5535
PAZUR MICHAEL R MACDONALD COLLEGE BOX 29 RUTHVEN ONT	B SC AGR 1
PEACH GEOFFREY SCOTT 1060 MELROSE AVE VERDUN QUE	B ENG EL 4 YO 8114
PEACOCK EDWARD F 5534 DECELLES AVE APT 84 MONTREAL 6 QUE	B A 4 AT 3928
PEACOCK JAMES E M 290 SHERBROOKE ST W MONTREAL QUE 11 5TH STR NORANDA QUE	B SC 3 LA 4351
PEAKE HUGH C L 3380 RIDGEWOOD AVE MONTREAL QUE C O LLOYDS BANK COX KING PALL MALL LONDON ENGLAND	B SC 3 EX 2656
PEAKE THOMAS R 3508 DUROCHER ST MONTREAL QUE 14 HERBERT ST ST CLAIR P O S TRINIDAD B W I	B ENG CH 4 MA 4352
PEAQUIN CLAUDIA ANITA ROYAL VICTORIA COLLEGE 316 WEST 22 ST NEW YORK N Y U S A	B A 1
PEARCE CATHERINE ELSIE MCLENNAN HALL 606 HOOVER STREET NELSON B C	B L S 1
PEARCE RICHARD FRANCIS 3653 UNIVERSITY ST MONTREAL QUE	B COM 2 PL 2073
PEARL HYMAN 517 PINE AVE W MONTREAL QUE 327 RACINE ST GRANBY QUE	MD CM 1 MA 2948
PEARL MANUEL 235 ST JOSEPH BLVD W MONTREAL QUE	M A 1 TA 9975
PEARL NORMAN DAWSON COLLEGE 327 RACINE STREET GRANBY QUE	B SC 2
PEARSON JOHN BRUCE 16 WILLOW AVE WESTMOUNT QUE	B COM 1 WA 2674
PEARSON LOIS MARILYN 4892 ISABELLA AVE MONTREAL QUE	B A 1 AT 2697
PEART ROBERT DOUGLAS 101 SUGARLOAF ST PORT COLBORNE ONTARIO	B SC P E 2
PEAT DAVID WOOD DOUGLAS HALL 50 DRESDEN AVE GARDINER MAINE	B ENG CH 4
PECKHAM MAUREEN C 642 BELMONT AVE WESTMOUNT QUE	B A 3 DE 3030
PEDERSEN REINHOLD J DAWSON COLLEGE QUE EL CONDE ESTE 8 155 CARACAS VENEZUELA	B ENG 1
PEDLEY NORAH FRANCES H HUDSON QUE	B SC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PEDNAULT DAWSON EDWIN 3575 PEEL ST APT 4 MONTREAL 2 QUE 48 CASOT AVE APT 2 QUEBEC CITY QUE	B A 3 MA 4078
PEDNEAULT YVON DAWSON COLLEGE 5125 BORDEAUX ST MONTREAL QUE	B ENG CI 1
PEDVIS BEREL 662 QUERBES AVE OUTREMONT QUE 3 DESSANE AVE QUEBEC CITY QUE	B COM 1 RO 6510
PEDUIS LEONARD 3955 DUPUIS AVE APT 9 MONTREAL QUE	B A 1
PEDVIS SYDNEY 430 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	MED DIPL 4 AT 7302
PEERS ALAN DIGLY 900 SHERBROOKE ST W APT 20 MONTREAL QUE	MUS QUAL 1
PEETS DONALD LEONARD 5721 DARLINGTON AVE MONTREAL 26 QUE	PARTIAL EX 2762
PEERS MICHAEL R 487 MT PLEASANT AVE WESTMOUNT QUE	B A 2 WI 8239
PEETS RONALD CHARLES DANNEMORA NEW YORK U S A	M SC 2
PEGG CHARLES J PETERSON RESIDENCE 434 MUTUAL ST EASTVIEW ONT	B ENG CI 4
PEIKOFF ETHEL MCLENNAN HALL ROSSBURN MAN	B S W 1
PEIRCE ESTHER KATHARINE 55 ABERDEEN AVE WESTMOUNT QUE	B A 1 DE 5914
PEIRS FELICTY ANN C ROYAL VICTORIA COLLEGE C O 17 ALBERMARLE ST LONDON ENGLAND	B A 4
PECK AIMEE M H 89 GRANVILLE ROAD HAMPSTEAD QUE	PARTIAL DE 6981
PELADEAU PIERRE HERMANN 339 STUART AVE OUTREMONT QUE	B C L 3 CA 4653
PELLETIER BERNARD R 3430 DRUMMOND ST MTL 1387 QUEEN ST W TORONTO ONT	B SC 4 MA 4418
PELLOW ERNEST JAMES 64 WAVERLEY RD POINTE CLAIRE QUE	B COM 4
PELTIER JACQUES 31 MONTENASH ST LONGUEIL QUE 57 ST ANTONI NORD GRANBY QUE	B A 1
PELTON WILLIAM E 5933 MCLYNN AVE MONTREAL QUE	B COM 3 AT 7251
PENNER RUTH MARY 4564 OLD ORCHARD AVE N D G MONTREAL QUE 430 AIKENS ST WINNIPEG MAN	M S W 2 DE 9987
PENNOCK CLIFFORD D 25 50TH AVENUE LACHINE QUE	H SCH DI 5
PENNOCK JOHN MILTON PETERSON RESIDENCE 25TH AVE LACHINE QUE	B SC P E 4
PENROSE GEORGE SHARRATT 3445 STANLEY ST APT 11 MONTREAL QUE	MD CM 2 HA 8804
PEPIN EMILE FRANCIS 124 VICTORIA AVE LONGUEUIL QUE	B COM 3
PEPIN MAURICE 122 1ST ST IBERVILLE QUE	B A 3
PEPPER JOHN JOSEPH 10 ROSEMOUNT AVE WESTMOUNT QUE	B C L 1 FI 8654
PERCIVAL HERBERT W 4814 JEANNE MANCE ST MONTREAL QUE 164 MAIN ST LACHUTE QUE	B ENG MC 4 TA 1022
PERCY EDWARD CHARTERS 5615 QUEEN MARY RD MONTREAL QUE	MD CM 3 WA 2941
PERCY HAROLD DOUGLAS 5135 WELLINGTON ST VERDUN QUE	B ENG MC 3 YO 2657
PERETZ DOROTHY MACDONALD COLLEGE 4427 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
PEREZ CAMILO 7454 MOUNTAIN ST APT 6 MONTREAL QUE CALLE 24 NO 493 BOGOTA COLOMBIA S AMER	PARTIAL
PEREZ ENRIQUE 5665 DUNMORE AVE OUTREMONT QUE AVE HIPODROMO 43 GUATEMALA CITY GUATEMALA	B SC 3
PERITZ FRAIDIE JOY 750 STUART AVE MONTREAL QUE	B A 1 CA 6531
PERKINS IRIS R MACDONALD COLLEGE BALDWINS MILLS QUE	TCH ELEM 1
PERKINS ROBERT ZIEMER 3440 SHUTER ST APT 10 MONTREAL QUE 3001 BENVENUE AVE BERKELEY 5 CALIF U S A	MED DIPL 3 LA 6640
PERLMAN MARTIN MELVIN 868 VILLENEUVE ST W MONTREAL QUE	B SC 4 MA 4887
PERON FERNAND G 6901 MONKLAND AVE N D G MONTREAL QUE	M SC 1
PERREN JOHN J MACDONALD COLLEGE COUNTRY CLUB GUELPH ONT	B SC AGR 2
PERRON HENRI W MACDONALD COLLEGE 3425 RIDGEWOOD AVE APT 419 MONTREAL QUE	B SC AGR 2
PERRON JOHN 3512 DUROCHER ST MONTREAL QUE 386 LAVIOLETTE ST APT 2 THREE RIVERS QUE	B COM 3 BE 0455
PERRON MAURICE ROBERT 3674 ONTARIO ST E MONTREAL QUE	B A 2 CL 4176

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PERRY ERNEST JOHN 3435 MOUNTAIN ST MONTREAL QUE 3980 COTE DES NEIGES RD APT A53 MONTREAL QUE	PH D 3 MA 6933
PERRY JOHN LESLIE 792 UPPER BELMONT AVE WESTMOUNT QUE	B COM 4 EL 3400
PERRY LAUREL DAEL 5699 QUEEN MARY ROAD HAMPSTEAD QUE	B A 2 EL 1623
PERSHALL PETER H 3655 UNIVERSITY ST MONTREAL QUE 346 JACKSON AVE GLENCOE ILLINOIS U S A	B A 4 PL 2073
PESNER PHYLLIS 433 ST JOSEPH BLVD W APT 12A OUTREMONT QUE	B A 2 CR 1685
PETCH PETER CHARLES DOUGLAS HALL 163 EAST 81ST ST APT 4C NEW YORK CITY N Y U S A	B COM 2
PETERS GORDON CAMPBELL 5370 MONKLAND AVE N D G MONTREAL QUE	B COM 2 EL 3666
PETERSEN CLIFFORD L 1477 CLOSSE ST APT 3 MONTREAL QUE P O BOX 158 LA TUQUE QUE	B ENG EL 4 WI 5374
PETERSON ALLAN A S 162 ST LAWRENCE BLVD LONGUEUIL QUE 17 CHAMPLAIN AVE NITRO QUE	B A 3
PETERSON DAVID W 436 MAPLE AVE ST LAMBERT QUE NORQUAY SASK	B ENG MC 3
PETERSON JOAN M 426 SHERBROOKE ST W MONTREAL QUE 122 KENASTON AVE TOWN OF MOUNT ROYAL QUE	PARTIAL HA 8974
PETERSON NORMAN ★ 25 FIFTH AVE VERDUN QUE	B COM 2 YO 9478
PETKUS PAULINE MARY 3419 UNIVERSITY ST MONTREAL QUE 639 AUGUSTUS ST CORNWALL ONT	M A 1
PETLEY BERNARD 5190 ST HUBERT ST APT 5 MONTREAL QUE BROWNSBURG QUE	B ENG CH 3 VI 1696
PETOLAS JEAN P P O BOX 9 COMO QUE	M SC 1
PETRIE DAVID GEORGE 3851 MELROSE AVE N D G MONTREAL QUE	B C L 2 WA 4071
PETRUCCI JOHN M 2396 ROSEMOUNT BLVD MONTREAL QUE	B ARCH 5 CR 6316
PETRY NANCY VIRGINIE 495 LANSDOWNE AVE WESTMOUNT QUE	B F A 2 DE 9415
PETRANY ZOLTAN DAWSON COLLEGE 12 HOOPER ST GUELPH ONT	B SC 2
PETT SYLVIA C 3555 ATWATER AVE APT 209 MONTREAL QUE	B SC 2 WE 4430

NAME ADDRESS	COURSE & YEAR TEL. NO.
PETTIGREW PATRICK JAMES 5565 N D G AVE MONTREAL QUE	B A 1 DE 4641
PETTIGREW ANDRE R 3615 DUROCHER ST MTL 125 CLAIRE FONTAINE QUEBEC CITY	B COM 4
PFEFFER IRVING 5431 WAVERLY ST MONTREAL QUE	M A 1 GR 4172
PFRIMMER KEITH PERRY 539 PRINCE ARTHUR ST W MONTREAL QUE 941 BYNG PLACE WINNIPEG MAN	B ENG CH 4 BE 0836
PHELAN CHARLES A 36 ABERDEEN AVE WESTMOUNT QUE ★	B C L 2 WE 2271
PHILIPS THOMAS FREDERICK DOUGLAS HALL 88 RENFREW AVE OTTAWA ONTARIO	MD CM 4
PHILLIPS CHARLES D PRESBYTERIAN COLLEGE JAMES HILL P O JAMAICA B W I	B SC 3
PHILLIPS CHARLES O D MACDONALD COLLEGE BONAIR ST MARK S GRENADA B W I	B SC AGR 1
PHILLIPS DAVID LLOYD ALLAN MEMORIAL INSTITUTE 3721 CORONET AVE APT 23 MONTREAL QUE	MED DIPL 3
PHILLIPS EDWARD O 26 ABERDEEN AVE MONTREAL QUE	B A 1 FI 8200
PHILLIPS FREDERICK R 330 REGINA AVE VERDUN QUE	B A 3 TR 3659
PHILLIPS LORNA M 4061 VENDOME AVE N D G MONTREAL QUE	B A 2 DE 8535
PHILLIPS LORNE ALEX PETERSON RESIDENCES 25TH AVE LACHINE QUE	B ENG CH 4
PHILLIPS NEIL FRANKLIN 48 BELVEDERE PLACE WESTMOUNT QUE	B C L 3 WE 6996
PHILLIPS WILLIAM E MACDONALD COLLEGE 176 HOLMWOOD AVE OTTAWA ONT	B SC AGR 3
PHILLIPSON JOHN DAWSON COLLEGE	B ENG 1
PHILPOTT JOAN M 17 ST JOHN S WOOD TER LONDON N W 8 ENGLAND	4 4
PHOCA ANDREW 5274 PARK AVE MONTREAL QUE 57 MARATHRONODROMOUS ST ATHENS GREECE	B ARCH 2
PICK CHARLES ANSON 484 LANSDOWNE AVE WESTMOUNT QUE	MED DIPL 4 WA 2076
PICKARD GEORGE KEITH PETERSON RESIDENCE 25TH AVE LACHINE QUE 202 PRINCE ST CHARLOTTETOWN P E I	B ARCH 2
PICKARD HARVEY DAWSON COLLEGE 4580 CIRCLE ROAD MONTREAL QUE	B ENG CI 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PICKERING BARBARA JOAN 222 MELVILLE AVE WESTMOUNT QUE	B SC 4 WE 3063
PICKERING MARILYN MAE ROYAL VICTORIA COLLEGE 9 CRESCENT HEIGHTS OTTAWA ONT	B A 2
PICKUP THOMAS 27 SOURCE RD STRATHMORE QUE	M A 2
PIDDUCK DOROTHY EILEEN 112 FIELDFAIR AVE BEAUPREPAIRE QUE	B SC P E 2
PIERCE FRANCES W ROYAL VICTORIA COLLEGE 8 SCOTT ST CAMBRIDGE MASS U S A	B A 3
PIERCE MARGARET ELLEN ROYAL VICTORIA COLLEGE 318 LISGAR ROAD ROCKCLIFFE OTTAWA ONT	B A 3
PIERCE MILFORD H MACDONALD COLLEGE BERWICK KING COUNTY N S	B SC AGR 4
PIHLAINEN JOHN AITO 1949 ST ANTOINE ST MONTREAL QUE	B ENG CI 4
PIKE ALMA EMALA 5245 COTE ST LUC ROAD N D G MONTREAL QUE	B SC P E 4 EL 8174
PIKE STEPHEN C 4952 EARNSCLIFFE AVE N D G MONTREAL QUE	B ENG MC 4 WA 8812
PICKETT ERIC ELLIOTT 3446 HUTCHISON ST MONTREAL QUE ANNAPOLIS ROYAL N S	B A 1 HA 4814
PILLEY TREVOR W D 4470 ST CATHERINE ST W WESTMOUNT 6 QUE	B SC 3 FI 5570
PILON JEAN F 3454 HUTCHISON AVE MONTREAL QUE 89 MAISONNEUVE ST HULL QUE	B ENG MC 4
PILOTO ALBERT E 8960 ST LAWRENCE BLVD APT 203 MONTREAL QUE	M A 2
PIMM ARTHUR PETERSON RESIDENCE 25TH AVE LACHINE QUE 840 GRAND CONCOURSE BRONX 51 N Y	B ARCH 4
PIMM GORDON H 1489 BISHOP ST MONTREAL QUE	B COM 4 HA 7309
PINARD FRED GORDON 4867 ISABELLA AVE MONTREAL QUE	B SC 3 EX 2559
PINCHASSOW HENRY DAWSON COLLEGE 2570 SHERBROOKE ST E MONTREAL QUE	B SC 1
PINDER KENNETH LYLE 5306 BRODEUR AVE MONTREAL QUE ABERNETHY SASK	B ENG CH 3 WA 6134
PINDER MARY S MACDONALD COLLEGE WATERLOO QUE	TCH ELEM 1
PINDRED DORA MAUD 4931 WESTERN AVE MONTREAL QUE BOX 231 BILLINGS BRIDGE ONT	M S W 1 DE 6530
PINTO CARLOS E DAWSON COLLEGE 2051 PASCO COLON SAN JOSE COSTA RICA	B ENG 1
PIPER GEORGE WALLACE DOUGLAS HALL RD 3 PRINCETON N J U S A	B ENG CI 3
PIPER JOHN T 900 SHERBROOKE ST W MONTREAL QUE	B C L 3 BE 4222
PITCAIRN ANDREW 4120 BENNY AVE APT 33 MONTREAL QUE	M A 1 DE 3420
PITCAIRN EVELYN MARGARET 3045 WEST 11TH VANCOUVER B C	B L S 1
PITHAVADIAN FENN B 2 RITTRERDON RD VEPERY MADRAS 7 INDIA	B ARCH 4
PITT MARGARET EILEEN A 43 SURREY GARDENS WESTMOUNT QUE	B A 2 EL 7708
PITTS MARY A A 900 SHERBROOKE ST W MONTREAL QUE	M A 2 LA 8654
PLANCK ROBERT I N DAWSON COLLEGE 3519 GREY AVE MONTREAL 28 QUE	B ENG 1
PLANT CYNTHIA JANE 3024 BRESLAY RD MONTREAL 6 QUE	B A 3 FI 4570
PLEET MAYER 5300 JEANNE MANCE ST MONTREAL QUE 81 FRIEL STREET OTTAWA ONT	B A 2 DO 5112
PLESSERS ARTHUR G MACDONALD COLLEGE	B SC AGR 4
POAPST JAMES V STANSTEAD QUE	PH D 2
POCHEREVA WILLIAM 973 DAVAAR AVE OUTREMONT QUE 3575 CLARK STREET MONTREAL QUE	B SC 4
PODBERE AVRO M 4720 MERIDIAN AVE MONTREAL QUE	B A 4 WA 1363
POELLHUBER CHARLES DAWSON COLLEGE 164 COMMUNITY ROW CHARLESWOOD MAN	B ENG 1
POHRAN NICHOLAS 1060 BERNARD AVE W MTL 1836 HIGHLAND AVE NIAGARA FALLS ONT	MD CM 1 CR 3736
POHORESKI ADAM 3561 HUTCHISON ST MONTREAL QUE	B ENG EL 3
POIRIER GEORGE ARMAND 989 MANNING AVE VERDUN QUE	B COM 2 TR 5297
POIRIER JOSEPH H A 3454 HUTCHISON ST MONTREAL QUE 608 LEOLA ST TRANSCONA MAN	B ENG MC 4 HA 8841
POKIDANIEC HENDRICK 5433 15TH AVE ROSEMOUNT 188 SOUTH HIGH ST PORT ARTHUR ONT	B ENG CI 3 HA 5575
POLISCHUK RAYMOND H 1065 VICTORIA AVE ST LAMBERT QUE	B ENG MC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
POLISUK THEODORE H 6188 HUDSON RD MONTREAL QUE	B A 1 AT 8942
POLLACK BARUCH BARNEY 2515 VAN HORNE AVE APT 8 MONTREAL QUE	B A 4 AT 1070
POLLARD DOUGLAS CHARLES VERDUN PROTESTANT HOSP BOX 653 COBALT ONT	B A 4
POLLIN WILLIAM B 3465 COTE DES NEIGES RD APT 41 MONTREAL QUE	B ENG MI 4 FI 3734
POLOS WALTER EUGENE 3 POPLIGER AVE MONTREAL QUE 183 BLOOR ST E OSHAWA ONT	M ENG 4 LA 3492
POMERLAN REN PETERSON RES	B COM 4
POMPURA CYRIL J DAWSON COLLEGE 7921 QUERBES AVE MONTREAL QUE	B ENG EL 2
POND LLOYD GEORGE 4104 OLD ORCHARD AVE MONTREAL QUE LUDLOW NORTHUMBERLAND CO NEW BRUNSWICK	B ENG MC 4 EL 2451
PONDER SYLVIA MARGARET 3019 CEDAR AVE MONTREAL QUE	PHYSIOTH 1 FI 8364
POOLE JOHN KEMP 3575 PEEL ST APT 4 MONTREAL QUE CHAPMAN CAMP B C	MD CM 1 HA 2109
POOLE NORMAN LESLIE DOUGLAS HALL BRYSON PONTIAC CO QUE	B SC 4
POOLE WILLIAM ERIC 5704 LAURENDEAU COTE ST PAUL MTL QUE	B SC 3 HE 2172
POPE WILLIAM ARTHUR ★ 49 CRAIG ST PERTH ONT	B ENG EL 3
POPOWICH JOHN ★ 539 PRINCE ARTHUR ST W MONTREAL QUE 940 PRITCHARD AVE WINNIPEG MAN	B ENG CI 3 BE 0836
PORRITT NANCY FRANCES ROYAL VICTORIA COLLEGE C O NORANDA MINES LTD NORANDA QUE	B SC 2
PORTEOUS JOSEPH HENRY 16 STRATFORD RD HAMPSTEAD QUE	B C L 3 EL 6621
PORTEOUS RICHARD D DAWSON COLLEGE 4256 ROYAL AVE N D G MONTREAL 28 QUE	B ENG 1 DE 7436
PORTEOUS MARY L 40A ST ANN ST STE ANNE DE BELLEVUE QUE BOX 68 LUCKNOW ONT	B SC H E 2
PORTER DOROTHY J MACDONALD COLLEGE BISHOPTON QUE	B SC AGR 3
PORTER EVA MILDRED 521 PRINCE ARTHUR ST W MONTREAL QUE 19 CRESCENT ANNEX APTS REGINA SASK	M S W 2 HA 1839
PORTER JAMES I 3573 LORNE AVE MONTREAL QUE 23 MAPLE AVE GREENWICH CONN U S A	MD CM 2 MA 3432
PORTIER JACQUES M 3677 PARK AVE MONTREAL QUE FRANCE	M A 1 HA 1819
PORTNUFF JOSEPH CHARLES 4740 RIDGEVALE AVE APT 1 MONTREAL QUE	MED DIPL 4 EX 1846
POSTNER HARRY HASKELL 729A BLOOMFIELD AVE OUTREMONT QUE	B SC 2 CA 4201
POTTER BRIAN SNELL 522 SHERBROOKE ST W MONTREAL QUE	MD CM 4 BE 8004
POTTER CALVIN C 6860 MONKLAND AVE MONTREAL 28 QUE	M COM 1 EL 2685
POTTLE ARTHUR LIONEL 99 THORNE AVE SAINT JOHN N B	B SC P E 4
POUNDER JACK ALBERT 3590 ST JOSEPH ST LACHINE QUE 50 MCNAB STREET STRATFORD ONTARIO	B SC 3
POUSETTE MARGARET MACDONALD COLLEGE THE SERAGLIO SULTAN ONT	B SC H E 2
POWELL JOHN ANDREW ★ 1558 MCGREGOR ST MONTREAL QUE	B A 4 WI 9411
POWELL RUTH ROYAL VICTORIA COLLEGE 144 KENT PL BLVD SUMMIT N J U S A	B SC 1
POWELL RUTH MARION ROYAL VICTORIA COLLEGE KERMAN AVE GRIMSBY ONTARIO	B SC P E 2
POWER ANITA 57 FORDEN AVE WESTMOUNT QUE	B A 4 FI 2880
POWER BERTIN T 22 ROBERVAL ST QUEBEC CITY QUE	B ENG EL 3
POWER RICHARD M H 57 FORDEN AVE WESTMOUNT QUE	PARTIAL FI 2880
POWIS ALFRED 389 METCALFE AVE WESTMOUNT QUE	B COM 3 FI 8256
POWLES PERCIVAL MOUNT 3473 UNIVERSITY ST MONTREAL QUE 4939 COOLBROOK AVE N D G MONTREAL QUE	B A 3
POWLES WILLIAM E 4939 COOLBROOK AVE MONTREAL 29 QUE	MED DIPL 2 DE 2772
POZNANSKI ANDREW K 2 OLDFIELD AVE APT 9 MONTREAL 25 QUE	B SC 2 WI 1890
POZNANSKI ZOLZISLAW J 3572 HUTCHISON ST MONTREAL QUE 2 MURRAY AVE QUEBEC QUE	M ENG 2
POXON JACQUELINE D 6810 MONKLAND AVE MONTREAL QUE	B A 1 EL 3480

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
POZNANSKY JACK 5750 DARLINGTON AVE APT 6 MONTREAL QUE	D D S 1 AT 7816
PRADOS MARIA 432 METCALFE AVE WESTMOUNT QUE	M A 1 DE 6697
PRAIRIE JACQUES DAWSON COLLEGE 3485 CARTIER ST MONTREAL QUE	B ENG 1
PRATT EDITH CAVELL 3625 LORNE CRESCENT MONTREAL QUE MATAPEDIA BOX 48 QUEBEC	B N 2 MA 8906
PRECHT FREDERICK CONRAD 1281 FOCH AVE VERDUN QUE	B ENG EL 3 TR 4952
PRENTICE JAMES D DOUGLAS HALL BOX 2070 R R 5 VICTORIA B C	B SC 3
PRESTON EDITH F MACDONALD COLLEGE 5787 11TH AVE ROSEMOUNT MONTREAL QUE	TCH INT 1
PRESTON JANET 76 PERCIVAL AVE MONTREAL WEST QUE	B SC 2 WA 6987
PRESTON JOHN FRANCIS 539 PINE AVE W MTL PRIMROSE APTS PICTOU NOVA SCOTIA	B ENG MC 4 LA 7628
PRESTON LOIS EILEEN 423 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B A 4 AT 5771
PRESTON LORNA JEAN 423 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B SC P E 2 AT 5771
PREVOST ANDRE 2475 MAPLEWOOD APT 11 MONTREAL QUE	B COM 1 EX 1462
PREZIOSI ARISTIDE T J 7466 ST DENIS ST MONTREAL QUE	4 DO 3724
PRICE JOHN DAVID E DOUGLAS HALL BRAEBURN GRANVILLE RD LIMPSFIELD SRREY ENG	B SC 4
PRICE JOHN WYLAM 7449 CHAMPAGNEUR AVE PARK EXTENSION MTL QUE	H SCH DI 5 VI 0416
PRIESTMAN HENRY L E DAWSON COLLEGE 260 CATHERINE ST OTTAWA ONT	B ENG CH 2
PRIPSTEIN SHIRLEY 5687 PARK AVE APT 14 MONTREAL QUE	B S W 1 TA 8553
PRITCHARD SHIRLEY H 35 BEVERLEY AVE TOWN OF MOUNT ROYAL QUE	B SC 3 AT 1756
PHOTONOTARIOS PATSY MACDONALD COLLEGE 659 BLOOMFIELD AVE OUTREMONT QUE	TCH ELEM 1
PROTOPAPAS PETER 960 ST DENIS ST MONTREAL QUE	B SC 3 BE 7621
PROULX DOROTHY ANN 5634 BOURBONNIERE ST MONTREAL QUE	B A 3 CL 4449
PROWER JOHN A M 1523 CRESCENT ST MONTREAL QUE ST ADELE EN BAS CO TERREBONNE QUE	L MUS 2 PL 7567
PRYER ROBERT W J 1180 DRUMMOND ST APT 5 MONTREAL QUE	B ENG MC 4
PUDIFIN ARTHUR DONALD 3559 UNIVERSITY ST MONTREAL QUE 5 MONTE CASSINO CRT WINNIPEG MAN	B SC 3
PUGASH HAROLD HERSCHEL 2801 MAPLEWOOD AVE APT 11 MONTREAL 26 QUE	PARTIAL AT 0372
PUHVEL JAAN 1707 SPRINGLAND AVE COTE ST PAUL QUE	B A 3
PUHVEL MARTIN 1707 SPRINGLAND AVE COTE ST PAUL QUE	B A 1
PUISTONEN VEIKKO 3615 LORNE CRESCENT MTL 126 4TH AVE NORANDA QUE	B COM 2 HA 9914
PULLAN EDWARD 4801 ST URBAIN ST MONTREAL QUE 678 FLORA AVE WINNIPEG MAN	B ENG PH 4 TA 6400
PULLAR WILLIAM JAMES G DAWSON COLLEGE 2909 WOLFE ST CALGARY ALBERTA	B SC 1
PULLIN LLOYD BROOKS 4914 DECARIE BLVD APT 1 MONTREAL QUE 10 BIRCH ST MONCTON N B	MD CM 4 EL 4869
PULRANG PETER CURRAN DOUGLAS HALL 6 DELAVAN TERRACE YONKERS N Y U S A	MD CM 3
PUMP KARL K 376 REDFERN AVE WESTMOUNT QUE 5550 KINGSTON RD VANCOUVER B C	M SC 1 WE 3420
PURCELL KATHERINE J MACDONALD COLLEGE 4444 MELROSE AVE N D G MONTREAL QUE	B SC H E 3
PURVIS AMY EVELINE 117 KING S ROAD VALOIS QUE	B A 4
PURVIS JOHN LINES DAWSON COLLEGE 30 WAYSIDE PL MONTCLAIR N J U S A	B SC 2
PUTKONEN SYLVIA MACDONALD COLLEGE BOX 905 98 RHEAUME ST E ROUYN QUE	TCH ELEM 1
PUTNAM AMOS W 3605 UNIVERSITY ST MONTREAL QUE MAGDALEN ROAD BEXHILL SUSSEX ENGLAND	B ENG MC 3 LA 0643
PUVREZ MARIE GENEVIEVE 5582 GATINEAU AVE MONTREAL QUE	B A 3 EX 4132
PUVREZ MARGUERITE RENEE 5582 GATINEAU AVE APT 14 MONTREAL QUE	B SC 2 EX 4132

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PUVREZ MARIE F G 5582 GATINEAU AVE APT 14 MONTREAL QUE	B SC 1 EX 4132
PUXLEY ANN E L 570 MILTON ST MONTREAL QUE HUDSON HEIGHTS QUE	M SC 2 MA 1482
PYE BRIAN EDWIN 115 HAVELOCK AVE OTTAWA ONT	B ARCH 2
PYNE RUPERT JAMES K BOX 14 MACDONALD COLLEGE BOX 606 COATICOOK QUE	D D S 3
PYTEL ANDREW HENRY 5779 FIFTH AVENUE ROSEMOUNT MONTREAL QUE	B A 2

Q

QUAIN JOHN HAMILTON 3434 MCTAVISH ST MONTREAL QUE KINGSMERE QUE	B COM 4
QUAIN REDMOND C 3434 MCTAVISH KINGSMERE QUE	B COM 4 DE 4492
QUASTEL MICHAEL REUBEN DAWSON COLLEGE 3488 NORTHCLIFFE AVE N D G MONTREAL QUE	B SC 1
QUAYLE JAMES THOMAS B 546 MILTON AVE APT 2 MONTREAL QUE SHANGHHAI CHINA	MD CM 4 PL 4094
QUAYLE MARJORIE JOAN 546 MILTON ST MONTREAL QUE	B A 4 PL 4094
QUERIDO JOHN C 2070 UNION AVE APT 5 MONTREAL QUE 297 BESSERER ST OTTAWA ONT	B ENG MC 3
QUINCE CLIFFORD J DAWSON COLLEGE 7568 OUTREMONT AVE MONTREAL QUE	B ENG EL 2 TA 4218
QUINET FELIX LEON 2 PROSPECT STREET WESTMOUNT QUE 31 AVENUE JEANNE BRUXELLES	B A 1 WI 0084
QUINN HERBERT F 4332 EARNSCLIFFE AVE MONTREAL QUE	PH D 2 EL 4843
QUIRK KEITH CASTLE 3561 HUTCHISON ST MONTREAL QUE 40 BURNSIDE DRIVE TORONTO ONTARIO	MD CM 2 LA 0564

NAME ADDRESS	COURSE & YEAR TEL. NO.

R

RABIN DAVID A R 729 WILDER AVE OUTREMONT QUE 228 CHARLOTTE ST OTTAWA ONT	B ENG CI 4 DO 9341
RABIN MARTIN JEFFREY 1581 LAJOIE AVE OUTREMONT QUE	A & S CO 1 CR 8619
RABIN RIVA 539 QUERBES AVE OUTREMONT QUE	B SC 4 GR 4857
RABINER DEVORAH ROYAL VICTORIA COLLEGE 10050 114 ST EDMONTON ALBERTA	B A 1
RABINOVITCH ISAAC S 758 DAVAAR AVE OUTREMONT QUE	B COM 1 CR 4769
RABINOVITCH JACK 4664 CLARK STREET MONTREAL QUE	B A 2 MA 8255
RABINOVITCH MOSES 352 METCALFE AVE WESTMOUNT QUEBEC	B ENG CH 3 WI 0028
RACE DAVID HUMPHREY DAWSON COLLEGE 25 NEWLANDS RD DARLINGTON ENGLAND	B ENG 1
RACEY MARGARET MAUDE 468 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B A 3 EX 6798
RACICOT ROLAND WILLIAM PETERSON RESIDENCE 25TH AVE LACHINE QUE	B C L 2
RACINE NOEL EMMANUEL R 354 MILTON ST MONTREAL QUE BROWNSBURG QUE	B SC 3 PL 2988
RACKLIFFE ROBERT L PETERSON RESIDENCES 45 ELBRIDGE RD NEW BRITAIN CONN U S A	MD CM 2
RADCLIFFE GERALD L 305 BALLANTYNE AVE MONTREAL WEST QUE	B COM 2 WA 6231
RADFORD JOSEPH MACDONALD COLLEGE 321 MILVERTON BLVD TORONTO ONT	B SC AGR 4
RADLEY ELIZABETH ANN 4250 SHERBROOKE W APT 12 WESTMOUNT QUE	B SC 2 WI 4036
RADLEY SIDNEY ALAN 5245 COTE ST CATH ROAD MONTREAL 29 QUE	M SC 1
RAE MARION RUTH 22 MONTEE STE MARIE ST ANNE DE BELLEVUE	B L S 1
RAGINSKY BRUCE THEO DAWSON COLLEGE 4891 ISABELLA AVE MONTREAL QUE	B ENG 1
RAICH HAROLD 5418 GROVE HILL PL N D G MONTREAL QUE	B COM 3 WA 3184
RAIDER ALEX 5318 SNOWDON AVE APT 32 MONTREAL QUE	B C L 2 EL 7078

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RAINBOW GRAHAM G 3605 UNIVERSITY ST MONTREAL QUE SPRUCE LODGE STE MARGUERITE S STA QUE	B COM 1
RAINEY JAMES A Y 135 CLANDEBOYE AVE WESTMOUNT QUE	B SC 3 FI 8153
RAINFORTH MARGARET G 3567 SHUTER STREET MTL BERWICK NOVA SCOTIA	B L S 1 HA 0479
RAINVILLE JAMES G J 214 GUILBAULT ST LONGUEUIL QUE	B COM 4
RAKOWSKA TERESA J ROYAL VICTORIA COLLEGE 17831 145 RD SPRINGFIELD GARDENS N Y	B A 4
RALLY CHARLES ROBERT M 5436 JEANNE MANCE MTL 2525 YORK AVE VANCOUVER B C ★	MD CM 2 CR 5487
RAMAN ELOHIM 3557 DUROCHER ST MONTREAL QUE EDIF CONDESA X 2 MEXICO D F MEXICO	B A 1 HA 7512
RAMAN RADHAKRISHNAN DAWSON COLLEGE CO K K RAMAN 7 ROYAL RD TRICHINOPOLY SOUTH INDIA	B ENG CH 2
RAMLOGAN KRISHNA DAWSON COLLEGE TUNAPUNA TRINIDAD B W I	B SC 2
RAMEJAMES DAWSON COLLEGE CARR 156 SVR 3 93 CALI COLOMBIA	B ENG 1
RAMROOP RAMJIT 388 SHERBROOKE ST W MONTREAL QUE MON PLAISIK CUNUPIA TRINIDAD B W I	PARTIAL MA 0659
RAMSAY ALISTAIR MCDONALD 3551 DUROCHER ST MONTREAL QUE CRESCENT AVE TAREE AUSTRALIA	B SC P E 2
RAMSAY ALLAN G ROYAL VICTORIA HOSP 197 RIDOUT ST S LONDON ONT	MED DIPL 1
RAMSEY COLIN GEORGE 343 OLIVIER AVE WESTMOUNT QUE	MED DIPL 1 WI 3679
RAMSAY DEREK STUART 452 LANSDOWNE AVE WESTMOUNT QUE	B COM 4 EL 8480
RAMSAY JOAN AUDREY 4546 WILSON AVE N D G MONTREAL QUE	B A 1 RE 9100
RAMSAY JANE GRAHAM 1620 PINE AVE W MONTREAL 25 QUE	B A 2 WI 4370
RAMSAY MARY M 452 LANSDOWNE AVE MONTREAL QUE	B A 2 EL 8480
RAMSDALE SHIRLEY I 1926 LINCOLN AVE MTL 162 MAPLE AVE HAMILTON ONT	M S W 2 WE 0489
RAMSEY MARY ELISABETH 1496 MOUNTAIN ST MONTREAL QUE	B SC P E 3 PL 2675

NAME ADDRESS	COURSE & YEAR TEL. NO.
RANGE LOUISE MABEL 355 ROY ST E MONTREAL QUE LIVELONG SASK	B L S 1
RANKIN THOMAS GRAY 120 SUNNYSIDE AVE OTTAWA ONT	B ENG EL 4
RANKINE DOUGLAS H G 120 SHERBROOKE ST W APT 10 MONTREAL QUE 190 GERMAIN ST SAINT JOHN N B ★	B ENG CH 3 PL 4096
RAPHAEL JAMES CLARENCE 137 TARA HALL ST MONTREAL QUE 3147 CLAREMONT AVE BERKELEY 5 CALIF	MD CM 1 LA 5358
RAPIER DUNBAR O C 3532 LORNE AVE MONTREAL QUE GRENVILLE GRENADA B W I	B A 4 BE 0048
RAPP MORTIMER H 335 DE L EPEE AVE OUTREMONT QUE	B ENG MC 4 CR 8584
RASHKOVAN ERNEST J 4681 EARNSCLIFFE AVENUE N D G MONTREAL QUE	B C L 1 EL 0731
RASKIN JEAN F 2620 PIE 1X BLVD MONTREAL QUE	B ENG MC 3 CL 1743
RATHWELL GEORGE CARSON 419 PRINCE ARTHUR ST W MONTREAL QUE LEONARD ONT ★	B ENG CI 4 HA 1088
RATNER JACK THEODORE 1539 LAJOIE AVE OUTREMONT QUE	B A 4 DO 6923
RAU SYLVIA MARIE MACDONALD COLLEGE DANVILLE QUE	TCH INT 1
RAYMOND CHARLES WYATT 3506 UNIVERSITY STREET MONTREAL QUE	B A 3
RAYMOND FRANCIS R MACDONALD COLLEGE QUE	B SC AGR 2
READ CHARLES S ★ BOX 3000 MACDONALD COLLEGE COLEMAN P E I	B SC AGR 4
READ DEANE C MACDONALD COLLEGE R R 3 SUMMERSIDE P E	B SC AGR 3
READ GORDON ARMSTRONG DAWSON COLLEGE 5387 BOURRET AVE MONTREAL 29 QUE	B ENG 1
READ JOHN HAMILTON 1865 ST CATHERINE ST W MONTREAL QUE 5311 COTE ST LUC RD N D G MONTREAL QUE	MD CM 4 WE 7885
READ KENNETH R DAWSON COLLEGE 86 WESTBOURNE RD PENARTH GLAM WALES	B SC 1
READ SYLVIA B ROYAL VICTORIA COLLEGE 416 SOMERSET W APT 7 OTTAWA ONT	B A 1
READE JOHN CLIVE 3421 DRUMMOND ST MONTREAL QUE 122 BROADWAY AVE OTTAWA ONT	B COM 2 LA 0950

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NAME ADDRESS	COURSE & YEAR TEL. NO.
REBOLLEDO MANUEL DOUGLAS HALL CALLE 5A NORTE 1 71 CALI COLOMBIA S A	B SC 3
REDDICK AUDREY E MACDONALD COLLEGE AUBREY QUE	TCH ELEM 1
REDDON PHILIP ROBERT 49 PROSPECT ST WESTMOUNT QUE	D D S 1 WE 6633
REDGELL ALFREDA STUART 929 MELROSE AVE MONTREAL 28 QUE	PHYSIOTH 1 FE 9024
REDMOND LEWIS VINCENT MACDONALD COLLEGE QUE	B SC AGR 4
REECE NIGEL B W ROYAL VICTORIA COLLEGE SOCIETY ST JOHN BARBADOS B W I	B SC 2
REED MARGARET A 23 SOURUS ROAD STRATHMORE QUE	B SC 1
REED RAYMOND W 23 SOURCES RD STRATHMORE QUE	B ENG 2
REEDER JAMES HENRY 27 BALLANTYNE AVE N MONTREAL 28 QUE	B ENG CI 4 EL 1693
REEDER STEWART WILLIS 32 LEGEAULT ST MONTREAL QUE R R 3 SALISBURY N B	B SC AGR 3
REES STUART D D V A HOSP ST HYACINTHE QUE 131 SIXTH AVE VERDUN QUE	GRAD QUA 1
★ REEVES RENE 1671 ORLEANS ST MONTREAL QUE	B ENG PH 3 AM 5994
REEVES ROBERT LYLE 4094 GIROUARD AVE N D G MONTREAL QUE	B COM 2 DE 9283
REFORD SONJA M K 6 REDPATH PLACE MONTREAL QUE	B A 2 HA 7385
REIBMAYR HELEN J 185 53 AVE LACHINE QUE	M SC 1
REICH ARTHUR L 737 HARTLAND AVE OUTREMONT QUE	PARTIAL AT 8071
REICH DAVID 737 HARTLAND AVE OUTREMONT QUE	B ARCH 5 AT 8071
REICHER ELLEN 4453 ESPLANADE AVE MONTREAL QUE	B A 2 HA 0709
REID ALBERTA MACDONALD COLLEGE LEEDS VILLAGE QUE	TCH ELEM 1
REID ALLAN ARCHIBALD DAWSON COLLEGE 832 HARTLAND AVE OUTREMONT QUE	B ENG 1 AT 2270
REID ALLAWA G 152 HILLCREST AVE MONTREAL WEST QUE	PH D 4 WA 8105
REID CATHERINE I MACDONALD COLLEGE CHARLO STATION REST CO N B	TCH ELEM 1
REID D VALERIE 749 UPPER LANSDOWNE AVE WESTMOUNT QUE	B COM 2 EL 1269
REID EDYTHE ANNE ROYAL VICTORIA COLLEGE 65 PARK STREET CORNER BROOK NFLD	2
REID EDMUND WALLACE 457 STRATHCONA AVE WESTMOUNT QUE	B A 3 DE 3135
REID E EMERSON 9 WOLSELEY AVE S MONTREAL WEST QUE	B ENG CI 4 DE 1524
REID JEREMY T DAWSON COLLEGE 457 STRATHCONA AVE WESTMOUNT QUE	B ENG 1 DE 3135
REID GORDON D 3557 DUROCHER ST MONTREAL QUE 363 FIFTH AVE OTTAWA ONT	B ENG CI 3 HA 7512
REID JOHN FREDERICK PETERSON RESIDENCE 2658 W 31ST AVE VANCOUVER B C	D D S 4
REID KENNETH S 5928 CLANRANALD AVE MONTREAL QUE	B ENG MC 3 AT 8074
REID RICHARD J 5485 12TH AVENUE ROSEMOUNT MONTREAL QUE 25 DE L EPEE AVE APT 8 OUTREMONT QUE	B ENG MC 3 FR 7358
REILLEY HERSCHELL E BOX 255 MACDONALD COLLEGE	B SC AGR 4
REID MARY A MACDONALD COLLEGE CHARLO STATION N B	TCH ELEM 1
REISLER HYMAN 4467 HENRI JULIEN AVE MONTREAL QUE	B SC 4 PL 2051
REID MARION L MACDONALD COLLEGE 9 WOLSELEY AVE S MONTREAL WEST QUE	TCH ELEM 1
REITER HAROLD 4670 ST URBAIN ST MONTREAL QUE 156 E 39 ST BROOKLYN 3 N Y U S A	B SC 3 MA 4277
RENAUD CLAUDE GUY 492 BLVD DES PRAIRIES LAVAL DES RAPIDES QUE	B ENG CI 3
RENDELL FLORA C 58 OXFORD ROAD STE ANNE DE BELLEVUE QUE 93 MILITARY ROAD ST JOHN S NEWFOUNDLAND	PARTIAL
RENE DE COTRET GASTON 212 ST CHARLES ST MARIEVILLE QUE	B ENG CI 3
★ RENNIE GEORGE SMITH T 6517 3RD AVE ROSEMOUNT MONTREAL QUE	D D S 2 TA 7897
RENTELN GEORGE T 462 STRATHCONA AVE WESTMOUNT QUE	B COM 4 EL 5266
RENTON WILLIAM D 1441 DRUMMOND ST RM 840 MONTREAL QUE 112 GERARD ST WINNIPEG MAN	B ENG MC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RENWICK DONALD GORDON 312 BROCK AVE N MONTREAL WEST QUE	B COM 2 DE 9617
RENWICK IAN D 312 BROCK AVE N MONTREAL WEST QUE	B ENG MC 3 DE 9617
REOCH MARY LOUISE 5590 N D G AVENUE N D G MONTREAL QUE	B A 3 EL 8040
RESPITZ OSCAR 5960 LEGARE ST MONTREAL QUE	B A 3 EX 1534
RESZETNIK MARTIN S P DAWSON COLLEGE 125 WALTER ST KITCHENER ONT	B ENG 1
REUSING ANDREW W 46 BELVEDERE PLACE WESTMOUNT QUE	B COM 1 FI 6005
RESANOVIC SINISA 330 BERKELEY ST TORONTO ONT	B A 2
RETHORET MARION FLORENCE 5530 VICTORIA AVE APT 14 MONTREAL QUE	PHYSIOTH 3
REVILLA LOUIS D 6630 ESPLANADE AVE MONTREAL QUE	H COM 3
REYNOLDS JOSEPH KEVIN 11 BURTON AVE WESTMOUNT QUE	B C L 1 DE 0373
REYNOLDS ROBERT JESSE JR 1620 CEDAR AVE MONTREAL QUE 13 LEROY ST POTSDAM N Y U S A	MD CM 1
REZANOWICH ALEX 4985 6TH AVE ROSEMOUNT MONTREAL QUE	M SC 1 HO 3043
RHEA LAWRENCE DAVID 1620 CEDAR AVE APT 3 MONTREAL QUE	B A 3 FI 6968
RHOADES MARION V M3 3431 DRUMMOND ST MONTREAL QUE 1302 NO DENVER TUSSA OKLA U S A	B A 2
RICARD PIERRE C MACDONALD COLLEGE 3239 ONTARIO ST E MONTREAL QUE	B SC AGR 1
RICHARD DENYSE MACDONALD COLLEGE 30 ALBERT STREET VICTORIAVILLE QUE	HOMEMAKE 1
RICE NORMAN E MACDONALD COLLEGE 167 DAWLISH AVE TORONTO ONT	B SC AGR 2
RICE WALLACE B 646 12TH AVE LACHINE QUE	B SC 4
RICE WILLIAM B 7654 BROADWAY AVE VILLE LA SALLE QUE	M ENG 2 TR 0432
RICH AUDREY PATRICIA 406 PINE AVE ST LAMBERT QUE 369 E BROCK ST FORT WILLIAM ONT	B SC 3
RICH HARVEY 4803 HUTCHISON ST MONTREAL QUE	B A 3 DO 4552
RICHARD GILLES B 484 ELM AVE WESTMOUNT QUE	B COM 1
RICHARD MAURICE 5676 JEANNE MANCE MONTREAL QUE 1663 NOTRE DAME ST THREE RIVERS QUE	B COM 1 CR 5708
RICHARDS DONALD P DOUGLAS HALL 39 SUNSET TERRACE WEST HARTFORD CONN U S A	B A 1
RICHARDS JOHN EDWIN 1441 DRUMMOND ST MONTREAL QUE BARENEED C B NEWFOUNDLAND	B COM 2 MA 4171
RICHARDS WILLIAM L 66 NEPTUNE BLVD STRATHMORE QUE 237 PARK ST SYDNEY N S	D D S 3
RICHARDSON ANDRE B ROYAL VICTORIA COLLEGE 260 CLOVERDALE ROAD ROCKCLIFFE PK OTTAWA ONT	B A 1
RICHARDSON ARTHUR J H 293 SOMERSET ST W MONTREAL QUE	M A
RICHARDSON BENJAMIN PETERSON RES	B SC 3
RICHARDSON CAROL J MACDONALD COLLEGE 715 PARKDALE AVE OTTAWA ONT	B SC H E 1
RICHARDSON ISOBEL P MACDONALD COLLEGE 4340 OLD ORCHARD AVE N D G MONTREAL QUE	TCH ELEM 1
RICHARDSON LENNA M 1596 PINE AVE W MTL 26 MIMICO AVE MIMICO ONT	GR N CER 1 WE 1296
RICHARDSON MARY HELEN ROYAL VICTORIA COLLEGE 2733 SOMASS DRIVE VICTORIA B C	B SC P E 3
RICHARDSON NIGEL HARRY DOUGLAS HALL MILWYN WOODBOURNE AVE PEMBROKE BERMUDA	B A 3
RICHER JACK 784 STUART AVE OUTREMONT QUE	B COM 2 CA 7746
RICHER MICHAEL MEYER 3780 COTE ST CATH ROAD APT 14 MONTREAL QUE	B C L 1
RICHER RUTH C 3780 COTE ST CATH RD APT 14 MONTREAL QUE	M SC 1
RICHSTONE ELISSA MAE 4905 MACDONALD AVE MONTREAL QUE	MUS QUAL 1 EL 3018
RICHWAGEN NANCY LEE ROYAL VICTORIA COLLEGE 419 SOUTH PROSPECT ST BURLINGTON VT U S A	B A 1
RIDDELL JOHN EVANS ST HILAIRE CO ROUVILLE QUE	PH D 4
RIDDELL MARION I 513 CLAREMONT AVE WESTMOUNT QUE	M SC 1 EL 9390

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RIDEOUT CHESTER FRANKLIN PETERSON RESIDENCES 25TH AVE LACHINE QUE	MD CM 2
RIDER MARTHA R MACDONALD COLLEGE 100 DUFFERIN RD VALLEYFIELD QUE	B SC H E 1
RIDEWOOD DONALD ALFRED 4H4 SANFORD AVE ST LAMBERT QUE 39 GENEVA ST OTTAWA ONT	B ENG CH 4
RIENDEAU JOSEPH F DAWSON COLLEGE 6967 JOGUES ST MONTREAL QUE	B ENG MI 2
RIESZ GEORGE 4307 ESPLANADE AVE MONTREAL QUE	B A 1 MA 5094
RIGGS BENJAMIN GEORGE 306 ST JOSEPH BLVD E MONTREAL QUE GRAND BANK NFLD	B SC 4 LA 6368
RILEY COLIN JAMES DAWSON COLLEGE 104 GRENFELL BLVD WINNIPEG MAN	B SC 1
RILEY DRUSILLA D 570 MILTON ST APT 11 MONTREAL QUE 4 ELM AVE HUDSON HEIGHTS QUE	M S W 1 MA 1482
RILEY GEORGE C DOUGLAS HALL HUDSON HEIGHTS QUE	M SC 1
RILEY JOHN MARTIN 522 SHERBROOKE ST W APT 3 MONTREAL QUE BELLE RIVER P E I	B SC 4 MA 8860
RINFRET CHARLES B MACDONALD COLLEGE 4H40 WESTMOUNT AVE WESTMOUNT QUE	B SC AGR 3
RINGROSE LYONS M PETERSON RES BOX 697 TEMISKAMING QUE	B SC 4
RIPLEY JAMES G DAWSON COLLEGE 83 CLARENDON AVE OTTAWA ONT	B ENG 1
RIPSMAN MICHAEL 838 WISEMAN AVE OUTREMONT QUE	A & S CO 1 CA 6927
RITCHIE JOHN W MACDONALD COLLEGE 432H EARNSCLIFFE AVE N D G MONTREAL QUE	B SC AGR 3
RITTER ROBERTA 5275 DUROCHER AVE OUTREMONT QUE	B A 1 CR 4686
★ RIVEN JOEL 4655 BONA VISTA APT 410 MONTREAL QUE	J COM 4 EL 9692
RIVEN MARJORIE 840 STUART AVE OUTREMONT QUE	B A 4 CA 9955
RIVET MARC GEORGES 3558 LORNE AVE MONTREAL QUE 257 4TH AVE E NORTH BAY ONTARIO	MD CM 4
RIVKIN ANNE B 3025 SHERBROOKE W APT 34 MONTREAL QUE 437 ALFRED AVE WINNIPEG MAN	B A 3 FI 8186
ROACH MARK 3683 HUTCHISON ST APT 45 MONTREAL QUE	MD CM 3
ROBAR ARTHUR CLYDE DIGBY NOVA SCOTIA	B SC P E 3
ROBB JACK HAMILTON MACDONALD COLLEGE 5240 COTE ST CATH RD APT 2 MONTREAL QUE	B SC AGR 4
ROBB JAMES ALEXANDER 3485 MCTAVISH STREET MONTREAL QUE HUNTINGDON QUE	B A 3 BE 0424
ROBB JANIE CATHERINE 659 BELMONT AVE WESTMOUNT QUE	B A 4 EL 6711
ROBB KENNETH IVAN PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ARCH 4
ROBBINS CHARLES F DOUGLAS HALL R R 1 WATERDOWN ONT	B A 4
ROBBINS MAURICE A DAWSON COLLEGE ST JOHNS QUE	B ENG EL 2
★ ROBERTS GUY 1568 SUMMERHILL AVE APT 8 MONTREAL QUE 603 ABERCORN AVE MONTREAL QUE	B ENG EL 4 WE 1540
ROBERTS HENRY LAMAR 1704 DUNKIRK RD MOUNT ROYAL QUE 744 COLLEGE ST MACON GEORGIA U S A	PH D 2 EX 6660
ROBERTS LAWRENCE M 4036 VENDOME AVE N D G MONTREAL QUE	B SC 4 EL 0889
ROBERTS RICHARD C DOUGLAS HALL VILLAGE RD NANAN BAHAMAS	B A 3
ROBERTS ROBERT JOHN 1052 MACKAY ST APT 4 MONTREAL QUE	B ENG EL 4
ROBERTS WILLIAM J MACDONALD COLLEGE 5374 SNOWDON AVE MONTREAL QUE	B SC AGR 4
ROBERTSON ANNE 485 PRINCE ALBERT WESTMOUNT QUE	B A 1 WA 8945
ROBERTSON CHARLES ED PETERSON RESIDENCE 460 OSBORNE AVE VERDUN QUE	B ENG EL 4
ROBERTSON JOHN DONALD 3473 GREY AVE N D G MONTREAL QUE	B A 1 EL 9526
ROBERTSON K MARY 1410 REDPATH CRESCENT MONTREAL QUE	B A 4 PL 7049
ROBERTSON MARGARET A MACDONALD COLLEGE ST ANDREWS EAST QUE	TCH ELEM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROBERTSON MARY D 4701 WESTMOUNT BLVD MONTREAL QUE COMO QUE ★	B SC 4 WA 2259
ROBERTSON ROSS LYON 2356 PARK ROW W N D G MONTREAL QUE	B COM 4 DE 7694
ROBERTSON FORTAY C P M C O 510 VICTORIA AVE WESTMOUNT QUE CRANTOCK BRAY BERKS ENGLAND	M A 1 DE 6141
ROBIC JEAN MARC Y R J DAWSON COLLEGE 49 HAZELWOOD OUTREMONT QUE	B SC 1
ROBILLARD EUGENE THOMAS 325 THIRD AVE EASTVIEW ONTARIO	B SC P E 2
ROBILLARD FRANCIS ALBERT 4566 WELLINGTON ST VERDUN QUE CAMPBELL S BAY QUE	MD CM 3 YO 6230
ROBILLARD ROCK ANTHONY 3421 HUTCHISON ST MONTREAL QUE 316 JAMES STREET OTTAWA ONT	B SC P E 4 LA 0342
ROBIN MURIEL MARGARET 3449 PEEL STREET MONTREAL QUE R R NO 1 ROBLIN MANITOBA	GR N CER 1 BE 0902
ROBINSON BERYL LAURA 4554 PATRICIA AVE N D G MONTREAL QUE	B L S 1 DE 2572
ROBINSON CYRIL 622 RICHARD AVE VERDUN QUE	B ENG CH 4 TR 1883
ROBINSON ERIC WILFRID 4554 PATRICIA AVE N D G MONTREAL QUE	H SCH DI 5 DE 2572
ROBINSON F ANNE 2168 SHERBROOKE ST W MONTREAL QUE	B A 1 WI 9039
ROBINSON FRANCIS JOSEPH 186 ST ELIZABETH ST LONGUEUIL QUE 47 JOLIET ST LACONIA N H	MD CM 1
ROBINSON GEORGE G F DAWSON COLLEGE 47 QUEEN ST GRANBY QUE	B ENG 1
ROBINSON GEORGE MC PETERSON RESIDENCE MOOSE JAW SASK	D D S 4
ROBINSON GORDON M 4578 MAYFAIR AVE N D G MONTREAL QUE	B SC 4 DE 8367
ROBINSON JOHN 4 ROCKCLIFFE WAY OTTAWA ONT BENROY GALIANO B C GALIANO B C	PH D 4
ROBINSON JOHN ALAN BRUCE 3485 MCTAVISH ST MTL 1252 RETALLACK ST REGINA SASK	D D S 1 BE 0424
ROBINSON JONATHAN 2168 SHERBROOKE ST W APT MONTREAL QUE	M A 2 WI 9039
ROBINSON JOSEPH E 3025 SHERBROOKE ST O APT 37 MONTREAL QUE MONTREAL QUE	B ENG MI 4
ROBINSON REGINALD A 5685 HUTCHISON ST MONTREAL QUE R R 1 GREENLAY QUE	B COM 1 VI 5773
ROBINSON ROBERT MARTIN 4935 QUEEN MARY RD APT 5 N D G MTL QUE	B COM 1 EX 2127
ROBINSON PETER EDWARD 209 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B SC 4 AT 1652
ROBINSON WARREN S 1189 GUY ST MONTREAL QUE 1 CENTRAL AVE REST PEN HF WAYTREE JAMAICA B W I	B SC 2 WI 6970
ROBINSON WILFRID R 4258 DIRCOESTER ST MTL SPANISH POINT PENBROOKE W BERMUDE BWI	B SC 3
ROBINSON WILLIAM D H MACDONALD COLLEGE 5314 MACDONALD AVE MONTREAL 29 QUE	B SC AGR 2
ROBITAILLE MIRIAM FAYE 3556 BELMORE AVE N D G MONTREAL QUE	B A 3 DE 3151
ROBSON LILY B A 1490 SHERBROOKE W APT 5 MONTREAL QUE THE COTTAGE BASKERVILLE SONNING COMMON ENGLAND	M A 1 WI 1906
ROCHE MARION D 4345 MELROSE AVE N D G MONTREAL QUE	PARTIAL DE 4505
ROCHESTER FAYE HOLCOMB ROYAL VICTORIA COLLEGE 15 MONKLAND AVE OTTAWA ONTARIO ★	B SC P E 2
ROCKHEAD ARVELLA A 817 CONVENT ST ST HENRY MONTREAL QUE	B SC 1 WE 3783
ROCLOFS JOAN CORNELIA ROYAL VICTORIA COLLEGE BILLINGTON RD EAST AURORA N Y U S A	B A 2
RODEK VICTOR 7234 BLOOMFELD AVE MONTREAL QUE MIKADO SASK	B ENG EL 4 FO 8849
RODGER MARGARET ANN ROYAL VICTORIA COLLEGE 602 RUBIDGE ST PETERBOROUGH ONT	B F A 2
RODMAN HYMAN 5479 ST URBAIN ST MONTREAL QUE	B A 2 CR 7454
RODNEY MICHAEL C 3653 UNIVERSITY ST MONTREAL QUE FORT SASKATCHEWAN ALBERTA	B C L 3
RODNEY SYLVIA CORISANDE ROYAL VICTORIA COLLEGE FORT SASKATCHEWAN ALTA	B A 2
RODRIGUEZ FELICE 7091 DENORMANVILLE ST MONTREAL QUE	B S W 1 TA 8367
ROE BENJAMIN HAWKINS 1178 VICTORIA AVE MONTREAL SOUTH 23 QUE	H SCH DI 5
ROE JOHN ALFRED 3630 DUROCHER ST APT 44 MONTREAL QUE	MD CM 4 PL 0902

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROE SHIRLEY A MACDONALD COLLEGE 345 PINE AVE ST LAMBERT QUE	B SC H E 1
ROGERS CLAYTON ERNEST 1166 LAIRD BLVD APT 11 TOWN OF MOUNT ROYAL QUE	H SCH DI 5 AT 9900
ROGERS FREDERIC L 3615 DUROCHER ST MONTREAL QUE 86 ORANGE ST ST JOHN N B	B SC 3
ROGERS HUBERT BROMPTON RD SHERBROOKE QUE	B SC 4
ROGERS JAMES T 605 LANSDOWNE AVE WESTMOUNT QUE	M ENG 2 WA 3076
ROGERS JOHN PATRICK 605 LANSDOWNE AVE WESTMOUNT QUE	MD CM 1 WA 3076
ROGERS ROSEMARY M ROYAL VICTORIA COLLEGE 230 PRINCE ST CHARLOTTETOWN P E I	L MUS 2
ROGERS SHEILA MARGARET 605 LANSDOWNE AVE WESTMOUNT QUE	B A 1 WA 3076
ROBERTON DOUGLAS P 36 EDGEHILL RD MONTREAL QUE	B ENG MC 4 WA 3967
ROHR MARTIN 755 BLOOMFIELD AVE APT 4 OUTREMONT QUE	B COM 2 TA 2487
ROHRLICH ESTELLE ANNE 522 MCEACHRAN AVE MONTREAL QUE	B A 3 DO 1021
ROHRLICH MORRIE 522 MCEACHRAN AVE OUTREMONT QUE	B F A 2 DO 1021
ROMAINE VICTOR 258 SHERBROOKE ST W MONTREAL QUE 958 SO COAST BLVD LA JOLLA CALIFORNIA	M A 1 BE 7102
ROMCKE ROBERT GEORGE 3656 PARK AVE MTL SUMMERSIDE P E I	D D S 2 MA 7286
ROMER GABRIELLE 495 PRINCE ARTHUR ST W APT 21 MONTREAL QUE	B F A 3 PL 1405
ROMERO RICARDO 1201 SHERBROOKE ST W MONTREAL QUE 1A C P 14 SAN SALVADOR EL SALVADOR C A	B S W 1 BE 0661
RONALD KEITH MACDONALD COLLEGE HIGH TORR PENNARD PARKMI GLAMORGAN S WALES U K	B SC AGR 1 WER
RONAN ALICE KATHERINE CHILDREN MEM HOSP MONTREAL QUE ANTIGONISH N S	MED DIPL 2 FI 4661
RONCARELLI EDWARD 4000 COTE ST CATHERINE MONTREAL QUE	B A 1 EX 3920
RONEY JOSEPH JEROME 4323 EARNSCLIFFE AVE MONTREAL QUE	B COM 4 EL 8571
ROPER RICHARD BROOKS D 3485 MCTAVISH ST MTL LABYRINTH JAMAICA B W I	B SC 4 BE 0424
ROONEY CLARENCE EGBERT 1500 ST MARK ST APT 3 MONTREAL QUE 314 QUEENSTON ST WINNIPEG MAN	P B D 2 WE 5437
ROOS EVA 371 REDFERN AVE WESTMOUNT QUE	B A 1 WI 0128
ROOS MARIANNE 371 REDFERN AVE MONTREAL QUE	B SC 3 WI 0128
ROOT MARJORIE EDRIS 20 DECASSON ROAD WESTMOUNT QUE	B A 3 FI 2271
ROSCOE E JEANNE ROYAL VICTORIA COLLEGE 80 OLD FOREST HILL RD TORONTO ONT	B A 1
ROSE ABRAM HEWITT 1575 SUMMERHILL AVE APT 502 MONTREAL QUE SMITHFIELD N C U S A	MD CM 4 WI 5735
ROSE ANN DUDLEY HILL 1575 SUMMERHILL AVE MONTREAL QUE SMITHFIELD N C U S A	B A 4 WI 5735
ROSE FRANK GILBERT DAWSON COLLEGE BOX 147 TIGER ARIZONA U S A	B ENG CH 2
ROSE JOHN LAWRENCE DAWSON COLLEGE 145 6TH ST NORANDA QUE	B ENG CI 2
ROSE RAYMOND GILLIES VETRAN S HOSP QUEEN MARY RD 3450 DECARIE BLVD N D G MONTREAL QUE	MED DIPL 1
ROSE STUART WALCOTT 4423 OXFORD AVE MTL P O BOX 1312 MUNCIE INDIANA U S A	MED DIPL 2
ROSE GORDON ELIZABETH ROYAL VICTORIA COLLEGE 1786 OBLIGADO BUENOS AIRES ARGENTINA	M A 1
ROSEN BARBARA B 2048 MAPLEWOOD AVE MONTREAL QUE	B A 4 AT 2134
ROSEN BARBARA 67 NELSON AVE OUTREMONT QUE	B A 2 DO 5291
ROSEN CHARLES A 36 ALBERT ST ST AGATHE QUE	M ENG 3
ROSEN HAROLD JACOB 679 QUERBES AVE OUTREMONT QUE	M SC 1 CA 3706
ROSEN HARRY 4123 ST URBAIN ST MONTREAL 18 QUE	D D S 1 LA 7874
ROSEN HENRY HERBERT 4874 HUTCHISON ST MONTREAL QUE	B SC 4 DO 5424
ROSEN LEONARD 2816 WILLOWDALE AVE MONTREAL QUE	B COM 1 AT 1023
ROSEN MARTIN 4465 HARVARD AVE N D G MONTREAL QUE	B A 4 DE 4592

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROSEN NEYSA F 2048 MAPLEWOOD AVE APT 2 MONTREAL QUE	B A 3 AT 2134
ROSEN SEYMOUR A DAWSON COLLEGE 3525 ROCKAMBEAU AVE THE BRONX 67 N Y U S A	B SC 2
ROSEN SEYMOUR JACOB 3H11 MELROSE AVE MONTREAL 28 QUE	D D S 1
ROSENBAUM PETER 4347 WESTMOUNT AVE WESTMOUNT QUE	B SC 4 EL 8351
ROSENBAUM SYDNEY 1564 DUCHARME AVE OUTREMONT QUE 1761 60TH STREET BROOKLYN N Y U S A	B COM 3 CA 4100
ROSENBERG FLORA 53 MOUNT ROYAL AVE MONTREAL QUE	B A 3 BE 2235
ROSENBERG GILBERT M 3782 GREY AVE N D G MONTREAL QUE	B COM 1 DE 9759
ROSENBERG KENNETH S 5957 JEANNE MANCE ST MONTREAL QUE	B A 2 DO 6719
ROSENBERG SHIRLEY C 1526 CRESCENT ST MONTREAL QUE	B A 1 LA 1618
ROSENBERG SYLVIA MACDONALD COLLEGE 53 MOUNT ROYAL AVE W MONTREAL QUE	TCH ELEM 1
ROSENBLATT MOLLY 4822 FULTON AVE APT 5 MONTREAL QUE	B SC P E 4 EX 3275
ROSENBLOOM HARVEY 369 BLOOMFIELD AVE OUTREMONT QUE	B COM 2 TA 5767
ROSENFELD HEBERT HYMAN 4131 KENT AVE MONTREAL QUE	B C L 1 AT 7434
ROSENFELD ISADORE 3137 VAN HORNE AVE MONTREAL QUE	MD CM 3 EX 3784
ROSENHEK CONNIE 4800 WILSON AVE MONTREAL QUE	B A 2 DE 1244
ROSENHER MARVIN P 4800 WILSON AVE N D G MONTREAL QUE	B A 4 DE 1244
ROSENSWEIG JACOB 4548 ST URBAIN ST MONTREAL QUE	B SC 3 PL 4760
ROSENTHAL REVA 5008 MYRA ROAD MONTREAL QUE	B COM 2 EL 8308
ROSENTHALL LEONARD 4893 HUTCHISON ST MONTREAL QUE	GRAD QUA 1 TA 2068
ROSENZVEIG MERVYN I 839 MC EACHRAN AVE OUTREMONT QUE	B A 1 CA 1753
ROSEVEAR JOHN NEWTON 506 BIRCH AVE ST LAMBERT QUE	H SCH DI 5
ROSS ANDREW R 151 WEST MINISTER AVE MONTREAL WEST QUE	B ARCH 3 WA 4366
ROSS BARBARA JOAN 655 COTE ST ANTOINE RD WESTMOUNT QUE	H SCH DI 5 DE 3636
ROSS COLIN CHARLES 7262 2ND AVE ST MICHEL QUE	B COM 3 EL 8462
ROSS DONALD FRASER 655 COTE ST ANTOINE RD WESTMOUNT QUE	B A 1 DE 3636
ROSS DONALD JAMES 419 PRINCE ARTHUR ST W MONTREAL QUE 105 PINE ST BROCKVILLE ONT	B ENG CI 3
ROSS DOROTHY KATHLEEN ROYAL VICTORIA COLLEGE 185 ONTARIO ST ST CATHARINES ONT	B SC 3
ROSS DOUGLAS ROBERTS 4216 DORCHESTER ST W MONTREAL QUE	B COM 3 WE 0940
ROSS DOUGLAS WILLIAM 4628 ST CATHERINE ST W MONTREAL QUE	B ENG 1 WE 4842
ROSS GORDON MCKENZIE DOUGLAS HALL 528 NICOLA ST KAMLOOPS B C	B A 1
ROSS IAN C 3577 PEEL ST MONTREAL QUE ISLE MALIGNE QUE	B SC 3 HA 8790
ROSS KATHARINE C ROYAL VICTORIA COLLEGE 35 GOULBURN AVE OTTAWA ONT	B A 3
ROSS JAMES LEGER 1455 DRUMMOND ST APT 319 MONTREAL QUE	B A 4 HA 1568
ROSS JAMES DRUMMOND 65 ROSEMOUNT CRESCENT WESTMOUNT QUE	B A 2 FI 8160
ROSS JEAN LOUISE 2016 UNIVERSITY ST MONTREAL QUE VEGREVILLE ALBERTA	B A 4 BE 0705
ROSS JOHN ST C DAWSON COLLEGE QUE 50 SUMMIT CIRCLE MONTREAL QUE	B ENG 1
ROSS JOHN THOMAS PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ARCH 4
ROSS MARY V 3432 PEEL ST MONTREAL QUE	PH D 4 LA 7997
ROSS RIVA SANDRA 4725 RIDGEVALE AVE APT 6 MONTREAL QUE	B SC 2 AT 3813
ROSS ROSS PATRICK E DAWSON COLLEGE 516 SYDNEY ST CORNWALL ONT	B ENG MC 2
ROSS ROSS PHILIP A 4614 KENSINGTON AVE N D G MONTREAL QUE 516 SYDNEY ST CORNWALL ONT	M ENG 1 WA 1679
ROSS ROBERT GORDON 27 NELSON AVE OUTREMONT QUE 55 PILOT ST VICTORIA B C	MD CM 4 DO 1855
ROSS VERNON 3015 SHERBROOKE ST W MONTREAL QUE	PH D 2 WI 4889

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROSS WINIFRED MARGARET 555 SHERBROOKE ST W MONTREAL QUE MACDONALD COLLEGE STE ANNE DE BELLEVUE Q	MD CM 2
ROSSAENT L 808 CREVIER ST MONTREAL QUE	B A 1
ROSSER HAROLD G DAWSON COLLEGE 3778 MELROSE AVE N D G MONTREAL QUE	B ENG EL 2
ROSSOFF CLARENCE 4632 CLARK ST MONTREAL QUE 15 EAST HATFIELD ST MASSENA NEW YORK U S A	B ENG MC 4 MA 7640
ROSSY RAYMOND P 741 COTE ST CATHERINE RD OUTREMONT QUE	B A 4 EX 2409
ROSTANT JOHN STEPHEN 545 PINE AVE W MONTREAL QUE SAN FERNANDO TRINIDAD	MD CM 2 MA 1545
ROTHENBERG PHYLLIS 573 ROCKLAND AVE OUTREMONT QUE	B A 1 CA 3566
ROTHMAN KAY 380 QUEBEC AVE OUTREMONT QUE	B SC 1 CA 6086
ROTHMAN MELVIN LEONARD 789 LEXINGTON AVE WESTMOUNT QUE	B A 3 DE 1347
ROTHNEY WILLIAM BRODIE 4310 BEACONSFIELD AVE APT H MONTREAL 28 QUE	MD CM 2 WA 5203
ROTHSTEIN BERNARD BOBBY 6305 DE VIMY AVE MONTREAL QUE	MD CM 3 AT 1868
ROTHWELL GLENN EARL 859 MCEACHRAN AVE OUTREMONT QUE	B SC 1 DO 1260
ROTSTEIN MOSES 169 DEMERS ST. MONTREAL QUE	B A 1 LA 3898
ROTTERMUND ANN 5578 JEANNE MANCE ST MONTREAL QUE	B A 2 DO 8858
ROULEAU GUY 1594 ST JOSEPH BLVD E MONTREAL QUE	B C L 3 FR 6644
ROUMBANIS THEODORE DAWSON COLLEGE 18 STAIRS ST HALIFAX N S	B ENG 1
ROURKE MALCOLM T 3485 MCTAVISH ST MONTREAL QUE LITTLE RIVER ROAD QUEBEC CITY QUE	B ENG ME 4 BE 0424
ROUSSEAU JOSEPH A 3793 BOTREL AVE MONTREAL QUE	L MUS 2 FE 1263
ROW GORDON W 1520 ST MARK ST MONTREAL QUE BELOEIL STATION QUE	PARTIAL WE 4973
ROW ROBERT K W BELOEIL STATION QUE	B A 3
ROWAN JAN CHRISTOPHER 4126 OLD ORCHARD AVE MONTREAL QUE	B ARCH 4 WA 4810
ROWAT RAYMOND MILES 3473 UNIVERSITY ST MONTREAL QUE SHAWVILLE QUE	B A 3 MA 4902
ROWE ALLAN WALTER 1210 PINE AVE W MONTREAL QUE 110 STH MARKS ST FORT WILLIAM ONT	B ENG MC 4 HA 0098
ROWE JOHN G 3473 UNIVERSITY ST MONTREAL QUE	B D 2 MA 4902
ROWE LLOYD JOSEPH 7446 BLOOMFIELD AVE MONTREAL QUE SARTELL ST PEPPERELL MASS U S A	B ENG EL 4 CA 3204
ROWE PATRICIA ANN ROYAL VICTORIA COLLEGE 22 CAMBRIDGE ST HALIFAX N S	B SC P E 2
ROWE RAYMOND PAUL 4472 SHERBROOKE ST W MONTREAL QUE 150 ROCHESTER ST OTTAWA ONT	B ENG CI 4
ROWE SHIRLEY E MACDONALD COLLEGE CHESTERVILLE ONT	B SC H E 2
ROWE THOMAS D 3473 UNIVERSITY ST MONTREAL QUE 4347 HARVARD AVE MONTREAL 28 QUE	B D 1 MA 4902
ROWE UNA L MACDONALD COLLEGE 5116 CARTIER STREET MONTREAL 34 QUE	TCH ELEM 1
ROWLAND BERNICE 3555 UNIVERSITY ST MTL 207 SYMINGTON AVE TORONTO ONT	B N 2
ROWLANDS ALLAN C DAWSON COLLEGE 25 WINDSOR AVE WESTMOUNT QUE	B ENG MC 2
ROWLANDS JAMES ARTHUR 4238 BEACONSFIELD AVE MONTREAL QUE	D D S 2 DE 5201
ROWLANDS MARY ELIZABETH 18 JASPER AVE TOWN OF MOUNT ROYAL QUE	B A 4 AT 9931
ROWLEY HARRY JOHN 3055 SHERBROOKE ST APT 5 MONTREAL QUE 46 WATERLOO ROW FREDERICTON N B	H SCH DI 5 EL 6116
ROY CHARLES A MACDONALD COLLEGE 45 ANDREA ST CAMPBELLTON N B	B SC AGR 3
ROY DOUGLAS L ROYAL VICTORIA HOSPITAL 3509 HUTCHISON ST APT 2 MONTREAL QUE	MED DIPL 2
ROY JACQUES 6229 DEACON RD MONTHEAL QUE	B COM 2 AT 6993
ROY JOHN ROBERT DAWSON COLLEGE 1326 MOUNT ROYAL BLVD OUTREMONT QUE	B ENG CI 2 CA 6792
ROZENBAUM ADRIENNE ROYAL VICTORIA COLLEGE SHANGHAI CHINA	B A

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RUBENSTEIN CLAUDE HENRI 1000 SHERBROOKE STREET W MONTREAL QUE 40 MONROE STREET NEW YORK 2 U S A	B A 2 BE 0657
RUBENSTEIN DAVID 4672 JEANNE MANCE ST MONTREAL QUE	GRAD QUA 1 BE 9071
RUBINGER FRANCES 6155 DUROCHER AVE OUTREMONT QUE	B A 1 VI 9836
RUBINOVICH JOEL L 4427 DECARIE BLVD APT 5 MONTREAL QUE	B A 1 EL 6661
RUBINS WALTER H 1035 ST VIATEUR ST W APT 10 OUTREMONT QUE	A & S CO 1 TA 8009
RUBY JASON VICTOR 1060 VAN HORNE AVE APT 1 OUTREMONT QUE	B A 3 CA 0734
RUDBERG MICHAEL M DAWSON COLLEGE 20 WILLOWDALE AVE OUTREMONT QUE	B ENG CI 2
RUDD RUSSEL N DAWSON COLLEGE 682 MANNING AVE TORONTO ONT	B SC 1
RUDNER ELAINE M 4152 MARCIL AVE N D G MONTREAL QUE	B SC 3 DE 4364
RUDNICK NORMAN 3743 HUTCHISON ST MONTREAL QUE 75 12 67 ROAD MIDDLE VILLAGE N Y U S A	B ENG PH 4 MA 5132
RUDY LEONARD DAWSON COLLEGE 864 DOLLARD AVE OUTREMONT QUE	B ENG CI 2
RUGILNIUS ANTHONY V 6634 JOQUES ST MONTREAL 20 QUE	B ENG CH 3 TR 4471
RUITER GLENN BURTON 8379 LAJEUNESSE ST MONTREAL QUE	B ENG EL 4 DU 2399
RULFO HENRY JEROME ROYAL VICT HOSP 6530 MONKLAND AVE N D G MONTREAL QUE	MED DIPL 4 PL 1251
RUNCIMAN WALTER A 6590 MONKLAND AVE MONTREAL 28 QUE	B SC 4 DE 7248
RUSK MYRON BERNARD 5054 GLENCAIRN AVE N D G MONTREAL QUE	B A 1 EL 9529
RUSKIN SYLVIA MIRIAM 2775 WILLOWDALE AVE OUTREMONT QUE	B A 1 EX 2871
RUSKO MICHAEL JOHN 1575 SUMMERHILL AVE MONTREAL	B C L 1 WE 9137
RUSSELL ANDREA E ROYAL VICTORIA COLLEGE 469 COMMONWEALTH AVE BOSTON MASS U S A	B F A 1
RUSSELL JOHN STEWART 1585 PINE AVE W MONTREAL QUE	B COM 3 FI 8114
RUSSELL ROBERT DOUGLAS 1017 CANORA RD TOWN OF MOUNT ROYAL QUE	B SC P E 3 AT 9972
RUSSELL WILLIAM J 258 SHERBROOKE ST W MONTREAL QUE 230 OAK ST WINNIPEG MAN	M SC 1 BE 7102
RUSTED IAN EDWIN LAWMAN MAYO CLINIC ROCHESTER MINN U S A CARBONEAR NEWFOUNDLAND	MED DIPL 2
RUTHERFORD JEAN SCOTT 3041 CEDAR AVE MONTREAL QUE	B A 4 WI 4591
RUTHERFORD JOAN A MACDONALD COLLEGE 192 15 AVE LACHINE QUE	TCH INT 1
RUTHERFORD ROSS BOWMAN 36 HOLTON AVE WESTMOUNT QUE	B COM 2 WI 8388
RUTLEDGE ROBERT W 3478 MCTAVISH ST MONTREAL QUE 61 THORNHILL AVE WESTMOUNT QUE	B ENG MC 3 PL 7412
RYAN FRED CURTIS PETERSON RESIDENCE 2535 W 19TH AVE VANCOUVER B C	D D S 2
RYAN GERALD JOHN HENRY 890 MOFFAT AVE APT 4 VERDUN QUE	B C L 3 TR 4005
RYAN RICHARD PATRICK W 2426 PARK ROW W MONTREAL QUE	D D S 4 DE 0568
RYMANOWSKI EDWARD G DAWSON COLLEGE QUE 89 PARK AVE COHOES NEW YORK U S A	B SC 1
RYMANOWSKI JOHN FRANK 3581 DUROCHER ST MTL 89 PARK AVE COHOES N Y N Y U S A	D D S 1 HA 7778

S

SAAD WALLACE J 293 MONKLAND BLVD VILLE ST LAURENT QUE	PARTIAL BY 4078
SABIN MORRIS 4824 ESPLANADE AVE MONTREAL QUE	MD CM 4 CA 1770
SABETTA RAYMOND X 1225 BERNARD AVE APT 8 MONTREAL QUE 2303 81ST ST BROOKLYN 14 N Y U S A	PARTIAL
SABOWRIN JEAN BERNARD 6790 LOUIS HEBERT MONTREAL QUE	B A 2 CA 0809
SACORANSKY ERNEST 4927 LACOMBE AVE MONTREAL QUE	B COM 4 AT 5453

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SADDLER WILLIAM IAN M 242 CHAMPLAIN ST ST JOHN S QUE	B ENG 1
SADLER RONALD 423 GROSVENOR AVE MONTREAL QUE 474 KENT ST OTTAWA ONT	B ENG MC 4 WA 4374
SAENZ MANUEL A DAWSON COLLEGE P O BOX 906 SAN JOSE COSTA RICA	B ENG 1
SAGER IRVING 3885 LAVAL AVE MONTREAL QUE	B ARCH 3 HA 0890
SAINT CONRAD BRUCE DAWSON COLLEGE QUE CODRINGTON HOUSE ST MICHAEL BARBADOS	B ENG 1
ST JACQUES J T ERNEST MACDONALD COLLEGE 113 CHARLOTTE OTTAWA ONT	B SC AGR 4
SAINT MARTIN FERNAND M 2626 SOISSONS ST MONTREAL QUE	B A 4 AT 5472
ST ONGE BERNARD J C Y M C A DRUMMOND ST MONTREAL QUE 40 1ST STREET SHAWINIGAN FALLS QUE	B ENG EL 3
SAINT PIERRE LEO A 4665 HUTCHISON ST MONTREAL	B C L 3 CR 2729
SAKELLARIOU THEODORE 885 BALL AVE MONTREAL QUE 3 VOULIS ST ATHENS GREECE	M ENG 1 GR 4565
SALHANY MICHAEL R 3851 UNIVERSITY MONTREAL QUE ST 11 FOURTH ST E CORNWALL ONT	B A 4
SALISBURY MARGARET E MACDONALD COLLEGE WEST BROME QUE	TCH ELEM 1
SALKELD LLOYD RAE 150 WESTMINSTER N MONTREAL WEST QUE	B ENG MC 4 EL 6026
SALMON DONALD LESLIE 4599 MELROSE AVE N D G MONTREAL QUE	B SC 4 DE 7827
SALMON HERBERT C 1924 ST CATHERINE ST W MONTREAL QUE	B A 4 FI 6723
SALMON JOHN S MACDONALD COLLEGE MORRISBURG ONT	B SC AGR 2
SALOMON DOROTHY 632 MURRAY HILL AVE WESTMOUNT QUE	B A 1 DE 2432
SALOMON GLORIA JOYCE 539 PRINCE ALBERT AVE MONTREAL QUE	B A 3 EL 0407
SALOMON NAT HENRY 4047 GREY AVE MONTREAL QUE	B A 1 EL 8863
SALOMON PHILIP 4047 GREY AVE MONTREAL QUE	B COM 3 EL 8865
SALONEN AILI EMILIA ROUYN QUE 30 N ROYAL VICTORIA COLLEGE	B SC 2
SALONIN PETER THOMAS 350 WISEMAN AVE OUTREMONT QUE	B COM 1 CR 4648
SALTS WILLIAM GEORGE 2455 MAPLEWOOD AVE MONTREAL QUE	B COM 3 AT 1675
SALVAS JOSEPH FERDINAND 1950 MAISONNEUVE ST MONTREAL QUE	D D S 1 AM 4427
SAMSON PAUL 5550 COTE ST LUC RD MONTREAL 29 QUE	B ENG MC 4 DE 9357
SAMUEL MARY R TA 1926 LINCOLN AVE MONTREAL QUE SHUBENACADIE N S	M S W 2 WE 0489
SAMUELS ERNEST H 1631 DUCHARME AVE OUTREMONT QUE	A & S CO 1 CA 9488
SAMUELS ESTELLE 1631 DUCHARME AVE OUTREMONT QUE	PARTIAL CA 9488
SAMUELS GEORGE 432 CHURCH AVE APT 2 VERDUN QUE	B A 3 YO 3720
SAMUELS KALMAN MACDONALD COLLEGE 187 BLOOMFIELD AVE OUTREMONT QUE	PARTIAL
SANDERSON CHARLES & 3485 MCTAVISH ST MONTREAL QUE 1417 ARGYLE STREET REGINA SASK	B SC P E 4 BE 0424
SANDILANDS MARY H MACDONALD COLLEGE 10 ARTHUR ST TRURO N S	B SC H E 3
SANDNER DONALD FRANK 3686 DUROCHER ST MONTREAL QUE BOX 822 MT OLIVE ILLINOIS U S A	1
SANFORD KENNETH H MACDONALD COLLEGE COLDBROOK KINGS CO N S	B SC AGR 3
SANSFACON JOSEPH ALBERT 1286 MAISONNEUVE ST MONTREAL QUE	PARTIAL CH 6072
SANSOM FREDERICK E DAWSON COLLEGE 624 DES FORGES ST THREE RIVERS QUE	B ENG 1
SANSOM WILLIAM 5727 COOLBROOKE AVE N D G MONTREAL QUE	B ENG ME 3 AT 5686
SANTAMARIA HERNAN DAWSON COLLEGE QUE CARRERA 15 SUR 17 30 CALI COLOMBIA U S A	B ENG 1
SANTO EDYTHE MAY EVELYN MCLENNAN HALL BENDER SASK	MD CM 3 PL 0044
SAPER BARRY MORTON 4588 HINGSTON AVE N D G MONTREAL QUE	B SC 3 EL 7160
SARGEANT VERNON A L VALSDALE BELMONT RD ST MICHAEL BARBADOS	B SC AGR 3
SASSO NICOL A DAWSON COLLEGE 69 DE CASTELNAU ST E MONTREAL QUE	B ENG MC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SATTELBERGER JOE A DAWSON COLLEGE 73 NORTH AVE FLIN FLON MAN	B ENG 1
SATTERTHWAITE WILLIAM R 3637 UNIVERSITY ST MONTREAL QUE 1150 FIFTH AVE NEW YORK 28 N Y U S A MA 1736	B COM 3
SAUL ROBERT CHARLES 4438 VERDUN AVE VERDUN QUE YO 1952	B SC 2
SAUNDERS MAX KENDALL 216 PERCIVAL AVE MONTREAL WEST QUE DE 7048	B A 2
SAUNDERS THOMAS CAMPBELL 3610 LORNE CRESCENT AVE MONTREAL QUE 321 38TH AVE S W CALGARY ALTA LA 1012	MD CM 3
SAUNDERS THOMAS FRANK DAWSON COLLEGE QUE 5255 BYRON AVE MONTREAL QUE	B ENG 1
SAUNDERS VINCENT EARL T 1648 FAYOLLE AVE VERDUN QUE TR 3425	B ENG CI 3
SAUVE DENYSE 3480 ONTARIO AVE MONTREAL QUE 473 RIDEAU STREET OTTAWA ONT PL 0044	B C L 1
SAUVE CLAUDE G 3036 DUROCHER ST MONTREAL QUE 105 BALDWIN AVE CORNWALL ONT	B ENG MC 3
SAUVE ROGER 400 DESMARCHAIS BLVD VERDUN QUE YO 0505	B COM 2
SAVAGE JOHN EARL 12 LANARK APTS WINNIPEG MAN	B ENG EL 4
SAVAGE MARIGOLD J 6 PARKSIDE PLACE MONTREAL 25 QUE FI 8320	B SC 2
SAVAGE MARY 516 GROSVENOR AVE WESTMOUNT QUE EL 0992	B A 4
SAVAL EMILIO DAWSON COLLEGE 432 METCALFE AVE MONTREAL QUE	B SC 1
SAVARD FRANCOIS 2364 SHEPPARD ST MONTREAL QUE FR 6327	B SC 3
SAWITZKI NICHOLAS 869 5TH AVE VERDUN QUE 3324 DANFORTH AVE TORONTO ONT YO 5875	B ENG EL 4
SAYLOR EARL JOHN CAUGHNAWAGA QUE	B C L 1
SCAMMELL FRANCIS E MACDONALD COLLEGE 39 REDDEN AVE KENTVILLE N S	B SC AGR 4
SCAMMELL ISABELLA M A 3484 SHUTER ST APT 10 MONTREAL QUE LA 9875	B A 1
SCARLETT ARTHUR LESLIE MACDONALD COLLEGE 62 CHADWICK STREET BRADFORD MASS U S A	B SC AGR 4
SCARPETTA RAUL A DAWSON COLLEGE CARRERA 6A 9 46 GALT COLOMBIA S A	B ARCH 1
SCARTH ALASTAIR GEORGE 26 MAPLE AVE STE ANNE DE BELLEVUE QUE	MD CM 3
SCARVELIS VASILIOS C 1251 EVERETT ST MONTREAL QUE	B COM 3
SCHACHTER SIDNEY B 4314 CLARK STREET MONTREAL QUE HA 0922	B A 2
SCHACHTLER ROBERT J 1480 CHOMEDY ST APT 9 MONTREAL QUE WI 7654	B ENG 1
SCHACTER WILLIAM M 1521 VAN HORNE AVE APT 12 OUTREMONT QUE CA 7330	B ARCH 4
SCHARMAN ARIEL 137 RIVERSIDE DR NEW YORK N Y U S A	B SC 1
SCHATIA GENE 2933 SOISSONS MONTREAL QUE AT 2909	B A 1
SCHAUS ORLAND OTTO PETERSON RESIDENCE 25TH AVE LACHINE QUE MELVILLE P E I	B ENG CH 3
SCHECTER DAVID EDWARD 36 JOYCE AVE OUTREMONT QUE DO 7092	MD CM 4
SCHECTER DOREEN ESTHER 36 JOYCE AVE OUTREMONT QUE DO 7092	B A 1
SCHECHTER SYBIL 210 WILLOWDALE AVE OUTREMONT QUE AT 8624	B A 1
SCHEIER IVAN HENRY 3320 COTE ST CATH RD APT 21 MONTREAL QUE	M A 1
SCHERZER HAROLD 4840 VICTORIA AVE MONTREAL QUE DE 0530	D D S 1
SCHILLER CARL 3615 UNIVERSITY ST MONTREAL QUE 502 EAST 17TH ST BROOKLYN 26 N Y U S A	M SC 1
SCHIPPER SOL 895 STUART AVE OUTREMONT QUE CR 8840	B A 1
SCHLESINGER NINA MAE 59 COTE ST CATHERINE RD OUTREMONT QUE CR 5600	B A 1
SCHMELTZER ALLAN LEO 1810 DUCHARME AVE OUTREMONT QUE AT 0515	B A 2
SCHMIDT ERNEST WILFRED 3445 PEEL ST MONTREAL QUE BOX 112 HEPBURN SASK	MD CM 3
SCHNAIBERG HYMAN L 3783 DROLET ST MONTREAL QUE HA 6923	B A 1
SCHNEIDER HARRY 6300 PAPINEAU AVE MONTREAL QUE DO 3337	B A 3
SCHNEIDERMAN GERTRUDE 4683 GROSVENOR AVE N D G MONTREAL QUE	PARTIAL

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SCHNEIDMAN JOE 5372 CLARK ST MONTREAL QUE	B A 3 VI 2322
SCHIFF HARRY 5358 WAVERLY ST MONTREAL QUE	M SC 1 CA 8421
SCHNITZER LEAH Z 3861 GIROUARD AVENUE N D G MONTREAL QUE	B L S 1 WA 1381
SCHNIFZER MORRIS 3861 GIROUARD AVE MONTREAL QUE	B SC AGR 3 WA 1381
SCHOCH DAVID EARL T 75 HILLCREST AVE MONTREAL WEST QUE LATERRIERE CO CHICOUTIMI QUE	B SC 4 WA 9779
SCHOELER PAUL J R 4556 ST CATHERINE ST W WESTMOUNT QUE	B ARCH 4 WE 6343
SCHOEN ZELLE P DAWSON COLLEGE CHOPIN STR 11 AMSTERDAM HOLLAND	B SC 2
SCHOLES JOHN M DAWSON COLLEGE QUE 4557 SHERBROOKE ST W WESTMOUNT QUE	B ENG MC 2
SCHOLLIE ELIZABETH EVE 725 ALLARD AVE VERDUN QUE	B F A 1 TR 2076
SCHOLNICK MILDRED 5221 TRANS ISLAND AVE MONTREAL QUE	B A 4 EL 5760
SCHONER SIDNEY 299 4TH AVE VERDUN QUE	B ENG 4 YO 9472
SCHONFELD ARTHUR 4596 HUTCHISON ST MONTREAL QUE 2 PREYER TIMISOATA ROMANIA	B ENG EL 3 DO 6265
SCHRAGE SAMUEL 570 MILTON ST APT 8 MONTREAL QUE	PH D 3
SCHREIBER RONALD DAWSON COLLEGE 1619 LAJOIE AVE OUTREMONT QUE	B ARCH 1
SCHREMP EARLE H DAWSON COLLEGE 14 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B ENG 1 AT 0446
SCHULMAN BAYLIE 1094 ST VIATEUR W OUTREMONT QUE 414 MARLBOROUGH ST CORNWALL ONT	B SC 4 CR 3530
SCHURMAN JAMES HARTT 4615 KENSINGTON AVE N D G MONTREAL QUE	B COM 3 DE 1950
SCHULTE HENRY F A 1638 SHERBROOKE ST W MONTREAL HACKENSACK MINNESOTA U S A	B A 3 FI 9050
SCHUSTER JACOB H 5376 ESPLANADE AVE MONTREAL QUE 993 CLARKSON AVE BROOKLYN N Y U S A	B ENG CI 4 CR 6976
SCHUTZ ROSEMARIE R 40 GRANVILLE RD HAMPSTEAD QUE	B SC 3 DE 6125
SCHWAGER PAUL G 3295 BARCLAY AVE APT 15 MONTREAL QUE SASKATOON SASK	MED DIPL 4 EX 6940
SCHWARTZ CAROL ANNE 4855 MELROSE AVE N D G MONTREAL QUE	B SC 1 DE 6677
SCHWARTZ ARTHUR N 768 UPPER LANSDOWNE AVE WESTMOUNT QUE	A & S CO 1 EL 6412
SCHWARTZ DEBORAH 4375 MARCIL AVE N D G MONTREAL QUE	B A 2 DE 9403
SCHWARTZ EARL BRULE 47 MAPLEWOOD AVE OUTREMONT QUE	B A 3 CR 6752
SCHWARTZ ELI 3474 CITY HALL AVE MONTREAL QUE	B A 3 MA 2503
SCHWARTZ JACK PETER 1230 LAJOIE AVE OUTREMONT QUE	B A 3 CA 8443
SCHWARTZ MILDRED 5585 PHILLIPS AVE MONTREAL QUE	B A 2 AT 2665
SCHWARTZ SHEILA 4580 WILSON AVE N D G MONTREAL QUE	B A 2
SCHWARTZ SHIRLEY 5455 VICTORIA AVE MONTREAL QUE	B SC 2 EX 2820
SCHWARTZ SOLOMON 5230 CLARK ST MONTREAL 14 QUE	M SC 1 CR 9011
SCHWARTZBEN MELVYN 2229 MAPLEWOOD AVE OUTREMONT QUE	B A 2 EX 5845
SCHWARTZMAN FRINA S 2319 WILSON AVE N D G MONTREAL QUE	B SC 2 DE 3671
SCOBIE DONALD HOWARD 1529 CEDAR AVE MONTREAL QUE 62 POWELL AVE OTTAWA ONTARIO	MD 34 4 PL 4464
SCOTT AUDREY MAVIS 5019 GROSVENOR AVE MONTREAL QUE	B A 4 EX 2303
SCOTT CYNTHIA ANNE 4385 WESTERN AVE WESTMOUNT QUE	B SC 3 WI 5657
SCOTT CYNTHIA JOAN 6 BRAESIDE PLACE WESTMOUNT QUE	B F A 1 WI 9619
SCOTT GEOFFREY FREDERICK 5039 VICTORIA AVE MONTREAL QUE	MD CM 4 AT 1806
SCOTT HENRY JAMES 5039 VICTORIA AVE MONTREAL QUE 605 COMMONWEALTH AVE BOSTON MASS	MED DIPL 4
SCOTT JAMES N 367 CHURCH AVE VERDUN QUE	B SC 4 TR 9962
SCOTT JEANNE E MACDONALD COLLEGE 495 KENWOOD AVE OTTAWA ONT	HOMEMAKE 1
SCOTT JOHN BERTRAM 477 VICTORIA AVE WESTMOUNT QUE CAMPBELLTON NEW BRUNSWICK	D D S 3 WA 5130

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SCOTT JOHN M 3508 UNIVERSITY ST MONTREAL QUE	B A 2 HA 1763
SCOTT JOSEPH ROLAND 3561 HUTCHISON ST MTL BOX 611 CAMPBELLTON N B	B COM 4 LA 0564
SCOTT PHYLLIS MARY 20 RICHELIEU PLACE MTL 112 WAVERLEY ST APT 1 OTTAWA ONT	M S W 1 PL 2383
SCOTT JUDITH WENDY 462 LAKESHORE RD BEAUREPAIRE QUE	B A 1
SCOTT KATHLEEN HELEN 2038 METCALFE AVE MONTREAL QUE 976 EAST 11 AVE VANCOUVER B C	B L S 1 PL 0813
SCOTT KENNETH A C WILSON HALL BEEHIVE COTTAGE CHIDEOCK DORSET ENGLAND	B A 3
SCOTT KENNETH EDWARD 137 SPRINGFIELD AVE GREENFIELD PARK QUE	B SC 2
SCOTT LORNE HAROLD DAWSON COLLEGE 541 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG CI 2 EX 1960
SCOTT LUCILE JANET 4830 VICTORIA AVE MONTREAL 6 QUE	B SC 1 WA 4781
SCOTT RONALD S BOX 90 KING ONT	B ARCH 3
SCOTT ROSEMARY E DEPT OF ZOOLOGY	M SC 2
SCOTT SALLY ANN MACDONALD COLLEGE 8 7TH STREET NORANDA QUE	TCH INT 1
SCOTT SHIRLEY I MACDONALD COLLEGE 152 APPIN AVE MONTREAL 16 QUE	TCH INT 1
SCOTT WILLIAM M 4830 VICTORIA AVE MONTREAL QUE	B COM 3 WA 4781
SCRIMGEOUR ROBERT KEITH 8234 BOYER ST MONTREAL QUE	B COM 3 VI 6990
SCRIVER CHARLES R 510 ROSLYN AVE WESTMOUNT QUE	B A 3 DE 4284
SEAGER ALAN GEORGE 77 KIRKWOOD AVE BEACONSFIELD QUE	B COM 1
SEAGRAM MARGOT DIANE ROYAL VICTORIA COLLEGE MONTREAL QUE 50 ALBERT ST WATERLOO ONT	B SC P E 1
SEAL DONALD WILLIAM 204 BERNARD W MONTREAL QUE	B A 4 CR 8220
SEALE THOMAS RAY E PETERSON RESIDENCE LACHINE QUE	B ENG MC 3
SEARS CARTER GERALD R 3483 HUTCHISON ST MONTREAL QUE 36A ST VINCENT STE SAN FERNANDO TRIN B W I	B SC 3 BE 1388
SEARS GEORGE ALBERT 1109 MOUNTAIN ST MONTREAL QUE 199 TALBOT ST AYLMER WEST ONT	B SC 4
SEATH WILLIAM M DAWSON COLLEGE 1245 SUSSEX AVE MONTREAL QUE	B ENG MC 2 WI 8109
SEDEROFF SHIRLY GLORIA 5229 TRANS ISLAND AVE MONTREAL QUE	B COM 2 EL 9953
SEDGWICK HENRY FUGH DOUGLAS HALL 16 BUTTERNUT ST TORONTO ONT	B A 1
SEDLEZKY BENJAMIN 2351 HINGSTON AVE MONTREAL QUE	D D S 1 WA 7983
SEELY GEORGE BOSWORTH 1636 SEAFORTH AVE MONTREAL 25 QUE	B COM 3
SEEMAN SAM S 5017 ESPLANADE AVE MONTREAL QUE	B ARCH 4 TA 3672
SEGAL ANNETTE 4540 CLARKE ST APT 4 MONTREAL QUE	B F A 2 BE 1900
SEGAL BERNARD 4917 ISABELLA AVE MONTREAL QUE	B SC 4 EX 2224
SEGAL FRANCES 482 COTE ST CATHERINE RD OUTREMONT QUE	B A 3 VI 7844
SEGAL LOUIS 35 ST CUTHBERT ST APT 5 MONTREAL QUE	B ENG PH 3 BE 9174
SEGALL MORRIS 5411 WAVERLY AVE MTL MONTREAL QUE 1087 MANSEAU BLVD SOLIETTE QUE	B A 4
SEGAL SHIRLEY 186 QUERBES AVE OUTREMONT QUE	B A 2 VI 2959
SEGAL SYLVIA SHEBA 4540 CLARKE ST APT 4 MONTREAL QUE	M S W 1 BE 1900
SEGALL ALFRED NORMAN 5323 ESPLANADE AVE MONTREAL QUE	B A 4 CR 5649
SEGALL SYDNEY CLEVELAND CITY HOSP CLEVELAND OHIO 456 PINE AVE W APT 36 MONTREAL QUE	MED DIPL 4 MA 6485
SEGUIN WILLIAM LLOYD 3446 ST FAMILLE MONTREAL QUE	B COM 2 HA 5087
SEIBERT JACK CHARLES DAWSON COLLEGE 4031 DANDURAND ST ROSEMOUNT MONTREAL QUE	B ENG CH 1 CL 7939
SEIDMAN RUTH 5265 HUTCHISON ST MONTREAL QUE	M SC 1 CA 3442
SIEGEL IRVING M 15 MILLET ST DORCHESTER MASS U S A	B A 4
SELCHAU PAUL 3436 DUROCHER ST APT 12 MONTREAL QUE 1572 8TH AVE SAN FRANCISCO 22 CALIF	M 1 MA 8264

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SELDON GERALD 2076 SHERBROOKE ST W MONTREAL QUE	B COM 2 WE 4873
SELECTOR LILA G 5190 QUEEN MARY RD MONTREAL QUE	L MUS 1 EL 0783
SELTZER IRVING DAWSON COLLEGE 4666 CLARK ST MONTREAL QUE	B SC 1
SEMENIW BORDEN 3439 DE BULLION ST MONTREAL QUE	B ENG ME 4 BE 8211
SEMPLE ANN C E 4335 MONTROSE AVE WESTMOUNT QUE	B F A 2 FI 9184
SENG MARGARET MARY 4466 WESTERN AVE WESTMOUNT QUE	B A 2 WI 4350
SENIOR FRANK R OTTERBURN PARK QUEBEC	B ARCH 4
SENIOR HETEWARD PRESBYTERIAN COLLEGE MONTREAL QUE	M A 2
SENIOR RUSSELL NORMAN 240 MELROSE AVE VERDUN QUE	B SC 3 YO 0616
SEPALL OLA K J 370 19TH ST QUEBEC QUE CANADA	B ENG CH 4
SEPHTON AUDREY GERTRUDE 555 SHERBROOKE ST W MONTREAL QUE 5200 BOURRET AVE MONTREAL QUE	B SC P E 3
SERBINOFF ALEXANDER A 3588 ST FAMILLE ST MONTREAL 18 QUE	B SC 4 HA 0969
SERRICK WARD W DAWSON COLLEGE DEER LAKE NEWFOUNDLAND	B ENG CI 2
SETO ALFORD 3539 ST FAMILLE ST MONTREAL QUE 77 MAIN ST AYLMER QUE	B ENG CI 4 LA 5951
SETTER ALVIN T 3581 UNIVERSITY ST MONTREAL QUE BOX 217 RIVERS MAN	B ENG CH 4 MA 3842
SEVENSTER NEELTSE P 1620 SEAFORTH AVE MONTREAL QUE	B C L 1 WE 5797
SEXTON CHRISTINE E 1537 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B SC P E 1 AT 0663
SEXSMITH FRANCES A MACDONALD COLLEGE CARDINAL ONT	TCH INT 1
SEYFERTH ROGER CHARLES 8950 ST LAWRENCE BLVD MONTREAL QUE BEAVER DAM WISCONSIN	MD C 3
SEYMOUR CECIL G 2630 LE CLAIR ST 6 MULLOCK ST ST JOHN S NEWFOUNDLAND	B ENG CH 4 CL 1094
SHADEED ADEEB NICHOLAS 458 RACHEL ST E MONTREAL QUE	B ENG EL 4 BE 4723
SHAFFER AARON B 3508 UNIVERSITY ST MTL 836 UNIVERSITY DRIVE SASKATOON SASK	4 HA 4873
SHALINSKY WILLIAM I 4405 MARCIL AVE MONTREAL QUE	B A 4 DE 2675
SHAMY FRANK ELIAS 718 COTE ST CATHERINE RD OUTREMONT QUE	B COM 1 AT 9081
SHANER SYDNEY 1235 CRESCENT ST ATP 9 MONTREAL QUE	MD C 3
SHANKS EDWARD ROBERT SHARBOT LAKE ONTARIO	B L S 1
SHANKS JOHN ARTHUR DOUGLAS HALL 284 FRONTENAC ST KINGSTON ONTARIO	MD C 4
SHAPIRO BARBARA J ROYAL VICTORIA COLLEGE 221 O CONNOR ST OTTAWA ONT	B A 1
SHAPIRO BERNARD LYON DAWSON COLLEGE 4942 ISABELLA AVE MONTREAL QUE	B SC 2
SHAPIRO ERNEST 4828 HUTCHISON ST MONTREAL QUE	M SC 2 VI 3467
SHAPIRO ERNEST SELIG 3841 RIDGEVALE AVE APT 7 MONTREAL QUE	A & S CO 1
SHAPIRO JOSEPH 3245 LINTON BLVD APT 6 MONTREAL QUE	B SC 4 EX 6005
SHAPIRO MARILYN 1568 VAN HORNE AVE OUTREMONT QUE	B A 1 CA 0211
SHAPIRO MELVYN B 959 ROCKLAND AVE MONTREAL QUE	B COM 1 CR 8295
SHAPIRO MIRIAM 1568 VAN HORNE AVE OUTREMONT QUE	B A 4 CA 0211
SHAPIRO MYRNA MACDONALD COLLEGE 4965 FULTON AVE N D G MONTREAL QUE	TCH ELEM 1
SHARIK GEORGE DAWSON COLLEGE 194 VAN HORNE AVE JERSEY CITY 4 N J U S A	B SC 1
SHARP ALFRED E PETERSON RESIDENCE 25TH AVE LACHINE QUE 511 HETHRINGTON AVE WINNIPEG MAN	B ENG CH 3
SHARP ROBERT T 122 ST LOUIS AVE BEAUREPAIRE QUE 493 MC DONNEL ST PETERBORO ONT	PH D 2
SHARP RONALD DAVID 116 CAMBRIDGE STREET OTTAWA ONT ★	B SC P E 3
SHARRATT RUSSELL IRVING 4449 WILSON AVE N D G MONTREAL QUE	B ENG CI 3 WA 2305
SHARWOOD GORDON R 478 MOUNT PLEASANT AVE WESTMOUNT QUE	B A 2 VI 5595

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SHATAN HYMAN C F 4573 JEANNE MANCE MONTREAL 8 QUE	MED DIPL 1 LA 9714
SHATNER WILLIAM 4240 GIROUARD AVE N D G MONTREAL QUE	B COM 2 DE 6885
SHAVER GLENN ARNOLD 4452 MAPLEWOOD AVE MONTREAL QUE C A BOX 299 SYDNEY N S	B ENG ME 3
SHAVER KENNETH H 4445 WILSON AVE N D G MONTREAL QUE	B COM 4 EL 4015
SHAVER RAYMOND ALFRED 5909 25TH AVE ROSEMOUNT MONTREAL QUE	B SC 3 CL 7262
SHAW GEORGE PENRSON DOUGLAS HALL 14 HEMLOCK AVE SHAWINIGAN FALLS QUE	B COM 3
SHAW HAZEL ADELE ROYAL VICTORIA COLLEGE 141 BEACH AVE MAMARONECK NEW YORK U S	B SC 2
SHAW RICHARD BOX 92 ST ANNE DE BELLEVUE QUE ROCKLEY NEW RD BARBADOS B W I	PARTIAL
SHAW WILLIAM F S 1350 VAN HORNE AVE OUTREMONT QUE	B A 1 TA 2616
SHAW WILLIAM PATRICK 77 YORK AVE WESTMOUNT QUE	PARTIAL EL 8623
SHAW WOOD RICHARD D S OTTERBURN PARK ROUVILLE QUE 4243 OLD ORCHARD AVE N D G MTL QUE	H SCH DI 5 DE 8754
SHEA JAMES FRANCIS 36 BOUR DE LOUX LONGUEUIL QUE 29 PLEASANT STREET WAVE MASS U S A	B SC 3
SHEAR FRANCES 4363 ST URBAIN ST MONTREAL QUE	B S W 1 LA 0584
SHEARMAN GEORGE E W P O BOX 24 ST EUSTACHE QUE	M A 1
SHEARMAN JOHN L S 3508 UNIVERSITY ST MONTREAL QUE ST EUSTACHE QUE	B D 3 BE 0752
SHEEHAN JOHN O PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MC 4
SHEIDEN ABE DAWSON COLLEGE 4076 ST URBAIN ST MONTREAL QUE	B ARCH 1
SHEINER NATHAN M 4837 ESPLANADE AVE MONTREAL QUE	B A 1 TA 5049
SHEINMAN LOUIS 4167 CLARK ST MONTREAL QUE	B COM 3 BE 3500
SHELDON HUNTINGTON DOUGLAS HALL AMAGANSETT L I NEW YORK U S A	B A 3
SHEPHERD ELEANOR K MACDONALD COLLEGE COMO QUE	B SC H E 3
SHEPHERD JOAN ESTHER ROYAL VICTORIA COLLEGE WEST PLAINS SASK	B A 3
SHEPHERD MARGARET A COMO QUE	B A 4
SHEPHERD ROBERT AUSTIN 221 CARLYLE AVE TOWN MOUNT ROYAL QUE	B C L 2 AT 6680
SHEPHERD WILLIAM ROY 3405 BEACONSFIELD AVE MONTREAL QUE	M A 1 EL 8618
SHEPPARD CHARLES GEO DAWSON COLLEGE 8 TORMEY APT 12 OTTAWA ONT	B SC 2
SHEPPARD JESSIE 495 PRINCE ARTHUR ST W MONTREAL QUE HUMBERMOUTH NEWFOUNDLAND	M A 1 PL 6506
SHERBECK L ADAIR 3723 MACKENZIE AVE MONTREAL 26 QUE WETASKIWIN ALBERTO	PH D 2 EX 4376
SHERMAN BERNARD N 5012 PARK AVE MONTREAL QUE	M ENG 2 DO 5708
SHERMAN IGNACY M 2386 LACOMBE AVA MONTREAL QUE	B ENG 1 AT 5456
SHERMAN NORMAN 4062 MARCIL AVE MONTREAL QUE	B A 1 DE 5129
SHERRY DANIEL KENT 57 CHESTERFIELD AVE WESTMOUNT QUE ASBESTOS QUE	B ENG EL 4 WA 9191
SHERWOOD RICHARD C MACDONALD COLLEGE UPHAM KINGS CO N B	B SC AGR 4
SHEWCHUK WILLIAM MACDONALD COLLEGE 416 SUNNYSIDE AVE WESTMOUNT QUE	B SC AGR 3
SHILLER GERALD JOSEPH 660 MCEACHRAN AVE OUTREMONT QUE	B COM 1 CR 3547
SHILLER HOWARD M DAWSON COLLEGE 3764 KENT AVE MONTREAL QUE	B ARCH 1 AT 0374
SHILLER JOYCE SOREL 122 ABERDEEN AVE WESTMOUNT QUE	B A 1 DE 2006
SHILLER MARVIN D 660 MCEACHRAN AVE OUTREMONT QUE	PARTIAL CR 3547
SHILLINGFORD ICILIUS H CORK ST ROSEAN DOMINICA	B SC 2
SHIMIZU ARTHUR GEORGE S DAWSON COLLEGE 90 ROYAL ST HAMILTON ONT	B SC 2
SHINE ANTHONY 480 ROSLYN AVE WESTMOUNT QUE	B ARCH 2 DE 3753
SHIP HAROLD 4928 SHERBROOKE ST W WESTMOUNT QUE	B ARCH 4 DE 4550

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SHIPMAN MARGARET E ROYAL VICTORIA COLLEGE 11 RIVERVIEW DONNACONA QUE	B A 3
SHIZGAL HAROLD 370 EDWARD CHARLES ST APT 3 MONTREAL QUE	B ENG MC 4 CR 2658
SHKAROFSKY ISSIE 4315 CLARK ST MONTREAL QUE	B SC 2 BE 9608
SHKLAR IRIS 512 CHAMPAGNEUR AVE OUTREMONT QUE	B F A 2 CA 5042
SHKLAR JUDITH 4120 COTE ST CATH RD APT 21 MONTREAL QUE	M A 1 EX 5566
SHLACHTUS DOROTHY MACDONALD COLLEGE 4447 ESPLANADE AVE APT 1 MONTREAL QUE	TCH ELEM 1
SHLAIN LEAH M ROYAL VICTORIA COLLEGE 10244 122 ST EDMONTON ALBERTA	B SC 1
SIFTON ELIZABETH V 5295 MCKENNA AVE MONTREAL 26 QUE	B A 2 AT 5176
SHOREY FREDERICK CHARLE WILSON HALL 825 5TH AVENUE NEW YORK CITY N Y	B COM 2
SHOUR PETER 5716 JEANNE MANCE ST MONTREAL QUE	B ENG EL 4 CA 9471
SHPAKOWSKY PAUL DAWSON COLLEGE QUE 515 6 AVE LACHINE QUE	B ENG 1
SHRIAR RUPERT 6116 DUROCHER AVE APT 3 OUTREMONT QUE	M S W 1 VI 9871
SHRIAR SAMUEL HERTZ 5462 PARK AVE APT 21 MONTREAL QUE	B C L 1 CA 9435
SHRIER MAX 4872 MELROSE AVE N D G MONTREAL QUE	B COM 1 EL 0986
SHRUM LORNE R 1480 CHOMEDEY ST MONTREAL 25 QUE	B ENG MC 4 WI 9929
SHTERN ESTHER 6082 JEANNE MANCE ST MONTREAL QUE	B SC 1 TA 8349
SHULMAN JACK 1921 BARCLAY AVE MONTREAL QUE	B SC 2 AT 9124
SHULMAN MARVIN OSCAR 1921 BARCLAY AVE MONTREAL QUE	B COM 1 AT 9124
SHULMAN ROBERT 4522 GIROUARD AVE N D G MONTREAL QUE	B SC 4 DE 2140
SHULTZ VICTOR CECIL PETERSON RESIDENCES 25TH AVE LACHINE QUE	MD CM 1
SHUMIATCHER JUDAH CENTRAL Y M C A MONTREAL QUE 1914 11 ST W CALGARY ALTA	B ENG MC 4 MA 4171
SHUSTER ARNOLD A 928 PRATT AVE OUTREMONT QUE	B A 2 AT 5790
SHUTE ALISON MC ROYAL VICTORIA COLLEGE 93 COLLEGE HILL RD CLINTON NEW YORK U S A	B SC 1
SIBLIN HERBERT ELLIOT 4194 MARCIL AVE MONTREAL QUE	B COM 4 DE 8000
SIDLER MILDRED 927 PRATT AVE OUTREMONT QUE	B A 1 AT 0826
SIDORCHUK NICHOLAS 4 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B SC 4 AT 0794
SIEMERS W PETER 4224 DORCHESTER ST W WESTMOUNT QUE	B ARCH 2 WI 6035
SIGLER DAVID A DAWSON COLLEGE 5627 PHILLIPS AVE MONTREAL QUE	B ENG CI 2 AT 0165
SIGMAN HARVEY HAROLD 3945 CLARK ST MONTREAL QUE	B A 1 MA 9040
SIGNER NAOMI RIVA 5506 DUROCHER AVE OUTREMONT QUE	B A 1 TA 1222
SIGOUIN ROGER 5272 MENTANA ST APT 3 MONTREAL QUE ST AGATHE DES MONTS QUE	B ENG MC 4 TA 4122
SILBERBERG JACQUELINE 4363 COOLBROOK AVE N D G MONTREAL QUE	B A 2 DE 9250
SILVADHERBIL HELENA C 317 KENSINGTON AVE WESTMOUNT QUE	PARTIAL WI 6260
SILVA D HERBIL MARIA C 317 KENSINGTON AVE WESTMOUNT QUE	PARTIAL WI 6260
SILVER GEORGE 474 COTE ST CATHERINE RD OUTREMONT QUE	B SC 4 DO 6520
SILVER ISSIE 3876 ST LAWRENCE BLVD MONTREAL QUE	B A 1 MA 5831
SILVER MILDRED 630 QUERBES AVE APT 9 OUTREMONT QUE	B A 2 VI 2990
SILVER MORTY DAWSON COLLEGE 546 WISEMAN AVE OUTREMONT QUE	B SC 1
SILVERBERG MERVIN 4535 HUTCHISON ST MONTREAL QUE	B SC 4 CR 0253
SILVERMAN MARVIN 5327 QUEEN MARY ROAD MONTREAL QUE	B SC 3
SILVERMAN SHIRLEY 4733 DORNAL AVE MONTREAL QUE	B A 1 AT 0659
SILVERSIDES MICHAEL J DAWSON COLLEGE 79 WYATT RD GARDEN CITY L I N Y USA	B SC 1
SILVERSMITH CHARLES S 439 GROSVENOR AVE WESTMOUNT QUE 143 TAPPAU ST BROOKLINE 46 MASS U S A	B A 2 EL 0183
SILVERSTONE SHIRLEY B 5964 ESPLANADE AVE MONTREAL QUE	B SC 1 CR 0652

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
SILVESTER MAITLAND R 3541 LACOMBE AVE MONTREAL QUE	B SC 1 AT 2335
SIM DONALD CLAYTON WILSON HALL 438 ISLAND PK DRIVE OTTAWA ONT	B COM 4
SIM MARGARET L MACDONALD COLLEGE 438 ISLAND PARK DRIVE OTTAWA ONT	HOMEMAKE 1
SIMAK MELVIN JACOB 468 STRATHCONA AVE WESTMOUNT QUE	PARTIAL WA 1928
SIMARD LAURENT DAWSON COLLEGE 298 RACINE ST CHICOUTIMI QUE	B ENG 1
SIMITCH LILIANE 1007 GUY ST MONTREAL QUE	B SC 1
SIMMERMAN LEONARD 887 WILDER AVE OUTREMONT QUE	B S3 P E 2 DO 8597
SIMMONDS HERBERT A 367 ELM AVE WESTMOUNT WESTMOUNT QUE 49 CLUNY DRIVE TORONTO ONT	B SC 3 FI 7360
SIMMONS EDWIN J 6 EDGEHILL AVE MONTREAL QUE	M ENG 1 WE 1305
SIMMONS GEORGE E 3421 DRUMMOND ST MONTREAL QUE APTDO AEREO 3882 BOGOTA COLOMBIA S A	B COM 2 LA 0950
SIMCOE LEONARD 6025A PARK AVE MONTREAL QUE	B A 1 CR 0162
SIMMS JOHN C BOX 195 MACDONALD COLL STE ANNE DE BELLEVUE QUE	4
SIMMS ROSS IRVING 16 ST CYRILLE AVE OUTREMONT QUE	B A 4 CA 4912
SIMON BEATRICE V 3600 DECELLES AVE MONTREAL QUE	M A 1 AT 6571
SIMON JAMES E G 1501 CLOSSE ST MONTREAL QUE	M COM 1 WI 3800
SIMON MARCEL PIERRE 99 LAURIER AVE E MONTREAL QUE	B ENG EL 4 TA 9613
SIMON MILDRED 4310 CITY HALL AVE MONTREAL QUE	B SC 1 HA 1595
SIMON ROGER ALAN WILSON HALL BEACON HILL SOMERSET BERMUDA	B A 2
SIMONS ELLYN ANN 1085 ST ROSE BLVD ST ROSE W QUE	B A 4
SIMPSON DOUGLAS JAMES 370 LANSDOWNE AVE WESTMOUNT QUE 109 PINE ST SOUTH THOROLD ONT	B COM 3 DE 4476
SIMPSON ELEANOR A 415 GROSVENOR AVE APT 1 WESTMOUNT QUE 93 PARK AVE QUEBEC CITY QUE	M S W 2 WA 5396
SIMPSON GORDON CHARLES 5253 DALOU AVE MONTREAL QUE	B ENG EL 3 WA 3813
SIMPSON JUDITH MACDONALD COLLEGE JOURNEYS END PINNER HILL MIDDLESEX ENGLAND	HOMEMAKE 1
SIMPSON MARGERY E 3425 RIDGEWOOD AVE APT 2 MONTREAL QUE	M A 2 AT 1276
SIMPSON MELVIN OREN 3493 ATWATER AVE MONTREAL QUE	B ENG MC 3 WE 2532
SIMPSON ROBERT J 5209 DALOU AVE N D G MONTREAL 28 QUE	B ENG MC 4 DE 4458
SIMR CELESTIN JAN J DAWSON COLLEGE 4595 RIDGEVALE AVE MONTREAL QUE	B ENG 1 EX 1672
SIMS RICHARD P A 3640 HUTCHISON ST MONTREAL 18 QUE 57 SWEETLAND AVE OTTAWA ONT	PH D 3 LA 8006
SINCLAIR BETTY 1179 ESSEX AVE MONTREAL QUE	B A 4 YO 7004
SINCLAIR MARTIN H 2720 SOISSONS AVE MONTREAL QUE	M SC 1 AT 8706
SINCLAIR PETER KIRK 1179 ESSEX AVE MONTREAL QUE	M A 1 YO 7004
SINCLAIR WILLIAM L DAWSON COLLEGE 3466 WESTMORE AVE MONTREAL 28 QUE	B ENG 1
SINGER BERTHA 433 ST JOSEPH BLVD W MONTREAL QUE	PH D 2 CA 9494
SINGER SYLVIA ROBERTA 4833 FULTON AVE MONTREAL QUE	B F A 2 EX 4053
SINGER ZALMEN 3280 VAN HORNE APT 1 MONTREAL QUE	B A 1 EX 2965
SINGERMAN CLAIR 5758 PLANTAGENET ST MONTREAL QUE	B A 3 AT 1296
SINNAMON JEAN M 372 CLARKE AVE WESTMOUNT QUE	B A 3 WI 3959
SINNOTT HAROLD ELMO PRESBYTERIAN COLLEGE 2905 39TH AVENUE LONG IS CITY NEW YORK	B ENG EL 4 BE 0424
SINNOTT JOSEPH CYRIL 2047 UNION AVE MTL BRISTOL PRINCE EDWARD ISLAND	MD CM 1 PL 0646
SINSON ELWOOD AUGUSTUS DAWSON COLLEGE EVERTON ESTATE DOMINICA B W I	B ENG 1
SIRKIS RUBIN 2119 BLEURY ST MONTREAL QUE 300 SELKIRK AVE WINNIPEG MAN	M A 1 HA 7624
SIROTA LAIZER 5119 ESPLANADE AVE MONTREAL QUE	B C L 2 CA 3654

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SKAITH ANN PENFIELD ROYAL VICTORIA COLLEGE 112 DUNVEGAN ROAD TORONTO ONT	B A 1
SKEET CHARLES W 4809 WESTERN AVE WESTMOUNT QUE	B SC 3 WA 4100
SKEETE GEOFFREY T 1441 DRUMMOND ST MTL GROTTO DALKEITH RD ST MICHAEL BARBADOS B W	B SC 3
SKEETE MARY P MACDONALD COLLEGE EDGECUMBS ST PHILIP BARBADOS B W I	HOMEMAKE 1
SKELTON FRANCIS SPENCER 2278 WILSON AVE N D G MONTREAL QUE	B SC 3 WA 4283
SKELTON JEFFERY. A 3434 MCTAVISH ST MONTREAL QUE 125 CASTNER ST ARVIDA QUE	B COM 3 PL 4492
SKELTON MARY VIRGINIA 555 SHERBROOKE ST W MONTREAL QUE 125 CASTNER ST ARVIDA QUE	B A 4
SKIDMORE WILFRED B DAWSON COLLEGE 21 LADYTHORN ROAD CHESHIRE ENGLAND	B SC 2
SKILLING GORDON F 1538 BURNSIDE PLACE MONTREAL QUE	B SC 3 WI 0479
SKINNER DENIS HAMILTON 537 LANSDOWNE AVE WESTMOUNT QUE	B COM 1 EL 3550
SKINNER GEORGE A 6715 DE LORIMIER AVE MONTREAL QUE	B COM 4 CR 4441
SKINNER G BERNARD DOUGLAS HALL 36 COBURG ST SAINT JOHN N B	B SC 4
★ SKINNER RALPH WILSON HALL TERRACE B C	PH D 3
SKLEPOWICH ANDREW 3523 CLARK ST MONTREAL QUE R R 5 DAUPHIN MAN	B ENG EL 4 HA 9995
SKOLL SELMA DOVE 5228 JEANNE MANCE ST MONTREAL QUE	B A 1 DO 8979
SKOMOROSKI ROBERT M DAWSON COLLEGE 9716 CHARTON AVENUE MONTREAL 12 QUE	B SC 1
SKORYNA STANLEY C 3676 ST DOMINIQUE ST MONTREAL QUE	M SC 1 HA 6078
SLACKE ANN 1524 PINE AVE MONTREAL QUE	B A 1 FI 8262
SLADE ARTHUR G CHANNING MAN	B ENG MI 3
SLAGHT WILLIAM H 1509 SHERBROOKE ST W APT 78 MONTREAL QUE OTTERVILLE ONT	PARTIAL FI 2814
SLAPCOFF EDWARD DAWSON COLLEGE 5177 PARK AVE MONTREAL QUE	B SC 1 DO 2287
★	
SLATER JOHN G L S 570 MILTON ST APT MARLBO MONTREAL QUE	B SC 2
SLATER NORMAN S 2170 LINCOLN AVE MONTREAL QUE	B ARCH 5 WE 0068
SLAUGHTER PETER H MACDONALD COLLEGE TERSANA SEA AVE RUSTINGTON SUSSEX ENG	B ENG MC 3
SLAVIK JO ANN 405 PRINCE ARTHUR ST W APT 10 MONTREAL QUE VIKING ALBERTA	GR N CER 1 MA 1304
SLIVA FRANK 4048 TUPPER ST MONTREAL QUE	B COM 3 WE 0627
SLIWKA HENRY STANLEY 6679 MOLSON AVE MONTREAL QUE 7 GROVE AVE OTTAWA ONT	B SC P E 1
SLEMIN CATHERINE DORIS 1400 DUNVEGAN ROAD TOWN OF MOUNT ROYAL QUE	B SC P E 4 AT 5751
SLINN PATRICK C DAWSON COLLEGE GRANTHAMS LANDING B C	B ENG 1
SLOAN GEORGE A 753 LUSIGNAN AVE MTL 605 THIRD ST MAMARONECK NEW YORK USA	B A 1
SLOANE GERALD LEROY 1371 PINE AVE W MONTREAL 1269 SO ORANGE DRIVE LOS ANGELES 35 CALIF	1
SLOTNICK BERNICE 5041 ST URBAIN ST MONTREAL QUE	B F A 1 CA 9994
SMALL BASIL B MACDONALD COLLEGE 5549 QUEEN MARY ROAD APT 42 MONTREAL QUE	TCH ELEM 1
SMALL EDWIN JOSEPH C P O BOX 154 APT C15 MACDONALD COLLEGE	D D S 3
SMALL MARCIA MACDONALD COLLEGE 5763 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
SMALL MURIEL ELIZABETH 251 MILTON ST APT 19 MONTREAL QUE 215 PARKDALE AVE OTTAWA ONT	B N 2 HA 9627
SMALL PETER D 5591 NOTRE DAME DE GRACE MONTREAL 28 QUE 5591 N D G AVENUE N D G MTL 28 QUE	B A 2 DE 9972 DE 9972
SMARDON BARBARA MARY 4390 OLD ORCHARD AVE MONTREAL QUE	B A 4 WA 8411
SMART CELINA ELLEN 5600 JEANNE MANCE ST MONTREAL QUE	B SC 4 TA 5806
SMART HENRY MES 4073 HARVARD AVE MONTREAL 28 QUE	D D S 3 DE 7433
SMART PAMELA M 85 CHURCH HILL AVE WESTMOUNT QUE	B A 3 WI 1316

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SMART RUTH BEATRICE 70 54TH AVE LACHINE 32 QUE	B A 1
SMART WILLIAM C PETERSON RESIDENCE 12408 113 AVE EDMONTON ALTA	B ENG MC 4
SMILEY HELEN I 284 EDISON AVE ST LAMBERT QUE	M S W 2
SMILEY RUPERT J MACDONALD COLLEGE R R 2 SHAWVILLE QUE	B SC AGR 2
SMITH ALFRED A 6574 15TH AVE ROSEMOUNT MONTREAL QUE	PH D 3
SMITH ANTHONY FURNESS DAWSON COLLEGE 159 CHESTER RD GNAPPENHALL CHES ENGLAND	B ENG 1
SMITH ARTHUR D DAWSON COLLEGE 279 HERKIMER ST HAMILTON ONT	B ENG 1
SMITH ASA JOSEPH 3561 HUTCHISON ST MONTREAL QUE 326 SO PETERBORO ST CANASTOTA N Y	MD C 2 LA 0564
SMITH BARBARA BURNS E MCLENNAN HALL 62 PRESTON STREET HALIFAX N S	B J S 1 PL 0044
SMITH CHARLES RAYMOND 3647 UNIVERSITY ST MONTREAL QUE 2254 GLADSTONE AVE WINDSOR ONT	B ENG MC 4 MA 2806
SMITH DAVID LLOYD PETERSON RESIDENCE 1 JEFFREY AVE MANOR PARK OTTAWA ONT	M ENG 1
SMITH DIANA ROY MACDONALD COLLEGE 4358 WESTMOUNT AVE WESTMOUNT QUE	HOMEMAKE 1
SMITH DONALD EDWARD 3610 LORNE CRESCENT APT 3 MONTREAL QUE 194 GUILFORD ST ST JOHN N B	MD CM 4
SMITH DONALD GEORGE 2064 UNION AVE APT 2 MONTREAL QUE 187 MINTO PLACE ROCKLIFFE OTTAWA ONT	B A 4 PL 3541
SMITH DONALD MACL 644 LANSDOWNE AVE MONTREAL QUE 644 LANSDOWNE AVE WESTMOUNT QUE	B COM 3 EL 3757 EL 3757
SMITH DONALD SINCLAIR 1659 SHERBROOKE ST W MONTREAL QUE	M SC 1 WE 0268
SMITH DONALD S MACDONALD COLLEGE 61 AINSLIE ST N GALT ONT	B SC AGR 4
SMITH DOUGLAS ARTHUR MACDONALD COLLEGE 195 LEMARCHANT ROAD ST JOHN S NEWFOUNDLAND	PARTIAL
SMITH EDGAR HUME APT B 5 CAMPUS APTS MACDONALD COLLEGE	B SC AGR 4
SMITH ELIZABETH ROSS L ROYAL VICTORIA COLLEGE 8457 BRACE AVE DETROIT 28 MICH U S A	B SC 1
SMITH E WILLIAM 5145 COTE ST LUC RD APT 36 N D G MTL QUE	B ENG CI 3 EL 2687
SMITH GEORGE SELLARS 4989 ST CATHERINE ST E MONTREAL QUE	B A 4 CL 5747
SMITH GERALD ALLAN 1401 SHERWOOD CREST APT 8 MONTREAL QUE	B COM 1 EX 1857
SMITH GIBSON J K 304 DESMARCHAIS BLVD VERDUN QUE	B ENG MC 3 YO 3943
SMITH HARRY J MACDONALD COLLEGE ARUNDEL QUE	B SC AGR 3
SMITH IAN ALEXANDER 374 GROSVENOR AVE WESTMOUNT QUE	B COM 1 EL 4567
SMITH INGRID BOYER ROYAL VICTORIA COLLEGE SAINT MARKINS N B	B SC 4
SMITH ISABEL J MACDONALD COLLEGE 96 HAMILTON AVE CHATEAUGUAY HEIGHTS QUE	TCH ELEM 1
SMITH JAMES CARLTON MACDONALD COLLEGE SUTTON QUE	B SC AGR 4
SMITH JAMES HAMILTON 4 PARKSIDE AVE MONTREAL WEST QUE	B COM 2
SMITH JEAN ANNIE D 1456 MORGAN BLVD APT 4 MONTREAL QUE	B A 4 CL 4420
SMITH JOHN ALLEN HOWARD 629 PRINCE ARTHUR WEST 2312 HALIFAX STREET REGINA SASK	B SC P E 2 MA 0739
SMITH JOHN FRANCIS 1336 REDPATH CRESCENT MONTREAL QUE	B ENG MC 3 PL 2492
SMITH JOHN HAROLD H 1902 DESMARCHAIS BLVD COTE ST PAUL QUE	B ENG 1 TR 6267
SMITH JOHN MCSWAN 508 FOURTH AVE VERDUN QUE	M ENG 2 YO 1014
SMITH JOY R 4041 VENDOME AVE N D G MONTREAL QUE	M PS SC 1 EL 9781
SMITH KEITH EMIL Y 3473 UNIVERSITY ST MONTREAL QUE 14 DEVON AVE KINGSTON JAMAICA B W I	B D 3 MA 4902
SMITH MAXWELL CHARLES 631 MURRAY HILL AVE MONTREAL QUE BOX 19 MOUNT ELGIN ONT	B COM 4 DE 3357
SMITH MORTIMER SAUL 631 DE L EPEE AVE OUTREMONT QUE	B A 1 CR 4309
SMITH NANCY ORME 482 ROSLYN AVE WESTMOUNT QUE	B A 1 WA 6525
SMITH NORMAN E DAWSON COLLEGE 300 PRINCESS ST SAINT JOHN N B	PH D 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SMITH ROBERT GRAHAM 863 FOURTH AVE VERDUN QUE	B SC 2 YO 8279
SMITH ROBERT JAMES 1659 SHERBROOKE ST W MONTREAL QUE 85 ELECTRIC ST OTTAWA ONT	B SC 3
SMITH ROBERT R DAWSON COLLEGE 883 BLVD DES FORGES THREE RIVERS QUE	B ENG CI 2
SMITH ROGER W 4750 VERDUN AVE VERDUN QUE	B ENG ME 3 YO 5997
SMITH ROSS WELLS 3637 UNIVERSITY ST MONTREAL QUE 454 LAURIER AVE E OTTAWA ONT	B A 4 MA 1736
SMITH SHEILA WYNESS 60 NELSON ST MONTREAL WEST QUE	B SC P E 1 DE 7125
SMITH WILLIAM R 4227 OXFORD AVE N D G MONTREAL 28 QUE	B ENG MC 4 DE 8673
SMITHER ARCHIE G PETERSON RESIDENCE 121 LINDEN AVE SUFFOLK VA U S A	PARTIAL
SMOLARCHYK SHIRLEY MACDONALD COLLEGE 4647 ST URBAIN ST MONTREAL QUE	TCH INT 1
SMOLKIN GILDA MACDONALD COLLEGE 5634 WAVERLY ST MONTREAL QUE ★	TCH ELEM 1
SNAPER ALVIN A 8795 WAVERLEY ST MONTREAL QUE 40 BARBARA PLACE JERSEY CITY 4 N J U S A	B SC 2 DU 5269
SNEDDON ALDRA MAIDA 4854 WILSON AVE N D G MONTREAL QUE	B A 1 DE 0676
SNEDDON SHEILA N MACDONALD COLLEGE 4854 WILSON AVE N D G MONTREAL QUE	B SC H E 4
SNIDER MARY J MACDONALD COLLEGE 473 BESSERER ST OTTAWA ONT	B SC H E 2
SNOW HAROLD CLAYTON 1477 CLOSSE ST APT 3 MONTREAL QUE DEER LAKE NFLD	B SC 3
SNOW LORNA M 4357 KENSINGTON AVE N D G MONTREAL QUE	B A 2 EL 5728
SNYDER BRODIE J 226 WOLSELEY AVE MONTREAL WEST QUE	B A 4 DE 0326
SNYDER HAROLD LESLIE 1210 PINE AVE W MONTREAL QUE 14 MERCIER AVENUE SHAWINIGAN FALLS QUE	B ENG CI 4 HA 0098
SNYDER RALPH WOOD 3538 HUTCHISON ST MTL 40 SOUTH PALM ST ONCA CITY OKLAHOMA	MD C 1 MA 7827

NAME ADDRESS	COURSE & YEAR TEL. NO.
SOAS JOHN MARCEL 2563 COURSOL ST APT 3 MONTREAL QUE 23 DUNROBIN AVE HF WAYTREE JAMAICA B W I	B A 1
SOCKETT ARTHUR B PETERSON RESIDENCE 25TH AVE LACHINE QUE LACHINE QUE MOUNT FOREST ONT	B ENG MC 4
SOCRANSKY ISADORRE S 474 BERWICK AVE TOWN OF MOUNT ROYAL QUE	B COM 1 AT 2328
SODEN JAMES ARTHUR 2209 PRUD HOMME AVE MONTREAL QUE	B C L 3 EL 1869
SOICHER RIVA BRENDA R 3370 BARCLAY AVE APT 8 MONTREAL QUE	MED DIPL 1 EX 3467
SOKOLOFF SERGIO DAWSON COLLEGE AVENIDA 35 36 74 BOGOTA COLOMBIA S A	B ENG 1
SOLARI MICHAEL 1477 CHOMEDY ST MONTREBL QUE	B ENG CI 3 WE 3843
SOLOMON CHARLES MELVYN 5057 VICTORIA AVE MONTREAL QUE	B A 3 AT 7796
SOLOMON LAWRENCE MARVIN 4851 FULTON AVE MONTREAL QUE	B A 1 2T 8230
SOLOMON NANCY 3465 COTE DES NEIGES RD MONTREAL QUE	B A 4 WI 7251
SOLOMON PAULINE 5444 DUQUETTE AVE N D G MONTREAL QUE	B A 1 WA 4368
SOLOMON SAMUEL 4643 JEANNE MANCE ST MONTREAL QUE	M SC 1 LA 1808
SOLTANO WILFRED 5340 ST DOMINIQUE ST MONTREAL QUE	B COM 2
SOMERS ALBERT F 1477 CLOSSE APT 3 MONTREAL QUE	B COM 4 WI 5374
SOMMERVILL RONALD PAT 3617 LORNE CRESCENT MONTREAL QUE 870 UNIVERSITY DRIVE SASKATOON SASK	44 34 1
SOO RALPH YUT WAH Y M C A DRUMMOND ST MONTREAL QUE 34 CHEUNG SHA WAN RD SHUNSHIUPO KOWLOON HONG KONG CHINA	B SC 3
SOPHIANOPOULOS ALEX DAWSON COLLEGE QUE M D MARIAS ST NO 20 COCSU GREECE	B ENG 1
SORENSEN CARL C E 368 9TH AVE LACHINE QUE	B A 4
SORENSEN KENNETH EARL 2019 STANLEY ST APT 16 MONTREAL QUE	B ENG PH 2 BE 1425
SORENSEN KNUTE B 6224 MOUNTAIN SIGHTS ST MONTREAL QUE	H SCH DI 5 EX 3568
SORENSEN WILFRED B DAWSON COLLEGE QUE 384 EARL ST KINGSTON ONT	B ARCH 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SORLEY JAMES D MACDONALD COLLEGE R R 1 OTTAWA	B SC AGR 3
SORRENTI GEORGE ROY DAWSON COLLEGE QUE 585 CAMBRIDGE ST WINNIPEG MAN	B ENG CH 2
SORRENTINO PATRICK J DAWSON COLLEGE0 1455 CANORA ROAD TOWN OF MOUNT ROYAL QUE	B ENG 1 AT 4214
SORTOR RALPH FREDERICK 5025 SHERBROOKE ST W MONTREAL QUE 113 SCHUYLER ST BOONVILLE NEW YORK N Y	MD C 1
SOSA JULIO A DAWSON COLLEGE 7A CALLE DE CIVDAD VIEJO GUATEMALA CITY GUAT C A	B SC 2
SOUAID MARCEL JOS 995 DU PALAIS ST ST HYACINTHE QUE	B COM 2
SOUAID PAUL N 955 DU PALAIS ST ST HYACINTHE QUE	B A 1
SOVENKO DOREEN 524 81ST AVE PTE AUX TREMBLES QUE	B A 3 PL 2325
SPANKIE MALCOLM G 7506 CASGRAIN AVE MONTREAL QUE	B ENG EL 4 CR 7871
SPARKES DAVID BETHUEL 124 BALLANTYNE AVE VERDUN QUE	B SC 3
SPEAR ARTHUR 370 43RD AVE LACHINE QUE	B ENG EL 4
SPECTOR NORMAN 5424 ST URBAIN ST MONTREAL QUE 2059 29TH ST ASTORIA LONG ISLAND	B COM 2 CR 5427
SPECTOR PHILIP DAVID 4071 GREY AVE N D G MONTREAL QUE	B ENG CI 4 EL 2252
SPECTOR SEYMOUR MITCHEL 4387 MARCIL AVE N D G MONTREAL QUE	B A 4 DE 4365
SPEER JAMES H DOUGLAS HALL 270 MC GREGOR AVE SAULT STE MARIE ONT	B SC 3
SPEERS ROBERT 3615 DUROCHER ST MONTREAL QUE 39 HELENDALE AVE TORONTO ONT	B SC 4
SPEIDEL JOSEPH 62 WARSAW AVE WINNIPEG MAN	B ENG ME 3
SPENCE JOHN ALFRED DAWSON COLLEGE 6237 5TH AVE ROSEMOUNT MONTREAL QUE	B ENG 1
SPENTZOS GEORGE C 6922 SHERBROOKE ST W N D G MONTREAL QUE	B A 4 DE 0023
SPERLING GOSTA C 14 MELBOURNE AVE WESTMOUNT QUE	B A 2 FI 1640
SPIEGEL ALBERT 680 DOLLARD BLVD OUTREMONT QUE	B SC 2 DO 6082
SPILLER JOY ISOBEL 4066 MELROSE AVE N D G MONTREAL QUE	B A 2 DE 9622
SPINDLER HERBERT O 424 SHERBROOKE ST W APT 37 MONTREAL 2 QUE	B COM 2
SPITZER BEATRICE 681 QUERBES AVE OUTREMONT QUE	B A 4 DO 8335
SPOOV NICHOLAS A 2177 LINCOLN AVE APT 14 MONTREAL QUE 23 HANDI ROAD KOWLOON HONGKONG	B ENG CI 4
SPOWART DOROTHY MAY ROYAL VICTORIA COLLEGE BOX 167 GOLDEN B C	B SC 3
SPRATT GORDON W DAWSON COLLEGE QUE 3279 RAE ST REGINA SASK	B ENG 1
SPRIGGS WILLIAM M BOX 92 STE ANNE DE BELLEVUE QUE	B SC AGR 3
SPROTT WILLIAM LAWRENCE 4566 WILSON AVE N D G MONTREAL QUE	D D S 1 EL 2452
SPROULE DIANA 172 EDGEHILL ROAD WESTMOUNT QUE	B A 3 EL 7296
SPROULE MARION I S 4581 WILSON AVE N D G MONTREAL QUE	L MUS 3 EL 4766
SPROULE VIVIAN A 4581 WILSON AVE MONTREAL QUE	B SC 2 EL 4766
SPUNT NORMAN 4603 ESPLANADE MONTREAL QUE	L MUS 1 LA 8525
SQUIBB ARTHUR GEORGE 726 9TH AVE LACHINE QUE	B ENG MC 4
SQUIRE MONTAGUE J 22 WINCHESTER AVE MONTREAL QUE	B ENG MC 3 EL 7579
SQUIRES HUBERT JACOB 3505 JEANNE MANCE MTL ST PHILIP S ST JOHN S WEST NFLD	B SC 4
STEAD ARTHUR CAREY S 4095 COTE DES NEIGES RD MONTREAL QUE	B A 3
STACHIEWICZ EVA T 432 ROSLYN AVE WESTMOUNT QUE	B SC 2 DE 0643
STACHIEWICZ JULIUS W 432 ROSLYN AVE WESTMOUNT QUE	M ENG 2 DE 0643
STACHTCHENKO LEONARD 3863 COTE DES NEIGES RDO MONTREAL QUE	B ENG EL 3 FI 8465
STAFFORD JAMES L 1428 MANSFIELD ST MONTREAL QUE 208 CORONA WINSTON SALEM N CAROLINA	B A 4 PL 8322
STAHLBRAND WILBERT B 6850 MOLSON ST MONTREAL 36 QUE	B ENG CI 3 CA 0863
STAINES ROBERT M C O 133 WESTMINSTER AVE MONTREAL QUE GLEN SUTTON QUE	B SC 3 DE 6766

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NAME ADDRESS	COURSE & YEAR TEL. NO.
STAIRS ELIZABETH R 841 LEXINGTON AVE MONTREAL QUE	B A 1 EL 5007
STAIRS GAVIN P 841 LEXINGTON AVE WESTMOUNT QUE	B SC AGR 2
STALKER ARCHIBALD M 636 LANSDOWNE AVE WESTMOUNT QUE	PH D 4 EL 0615
STALKER IAN CALDWELL 636 LANSDOWNE AVE WESTMOUNT QUE	B C L 2 EL 0615
STALKER MERRILL ERIC 3647 UNIVERSITY ST MTL ORMSTOWN QUE	MD CM 3 MA 2806
STAMATOPOULOS ARIS DAWSON COLLEGE 18 MACKENZY KING ATHENS GREECE	B ENG 1
STAMOS MARIAN E MACDONALD COLLEGE 1441 ST MATTHEW STREET MONTREAL 25 QUE	TCH INT 1
STAMOS SPIRO PETER 1175 GORDON AVE VERDUN QUE	L MUS 2 YO 6353
STAMP BRYAN U D DOUGLAS HALL 93 SLOANE ST LONDON S W 1	B A 1
STANFORD RONALD L 4326 WALKLEY AVE MONTREAL 28 QUE	MED DIPL 4 WA 8566
STANGELAND TOR OSCAR 1210 PINE AVE W MONTREAL QUE LA GABELLE QUE	B A 4 HA 0098
STANIFORTH ROBERT D 715 GROSVENOR AVE MONTREAL QUE	B COM 1 EL 2218
STANLEY BARBARA MARIAN 711 VICTORIA AVE WESTMOUNT QUE	B SC 2 WA 3191
STANLEY ELIZABETH ROWAN 711 VICTORIA AVE WESTMOUNT QUE	B A 2 WA 3191
STANLEY ROBERT ELLOIT 3434 MCTAVISH ST MTL 186 FOREST HILL RD TORONTO ONTARIO	SC P E 3 PL 4492
STANTON DONALD H 3245 LINTON BLVD APT 5 MONTREAL QUE 103 NELSON ST KINGSTON ONT	B ENG CH 4 EX 6786
STANTON DOROTHY C 3480 ONTARIO AVE MONTREAL QUE MULGRAVE N S	B S W 1 PL 0044
STAPLES PRESTON CLARK 1410 MACKAY ST APT 115 MTRL QUE	D D S 3 WI 9998
STAR ISIDORE 5850 HUTCHISON ST MONTREAL	D D S 1 CA 1840
STARCHUK KATRINA 3450 DUROCHER ST APT 38 MONTREAL QUE	PHYSIOTH 3 BE 4164
STARK BAZIL MILLAN 4150 CAVENDISH BLVD APT 11 MONTREAL QUE	H SCH DI 5 DE 1518
STARK CLIFTON ANDREW 593 NOTRE DAME ST ST LAMBERT QUE 447 WINNIPEG ST PENTICTON B C	D D S
STARR DAVID JOHN DAWSON COLLEGE ST JOHNS QUE 58 SOMERVILLE AVE WESTMOUNT QUE	B ENG 1 DE 6213
STARR ROBERT COLES DAWSON COLLEGE ST JOHNS QUE 58 SOMERVILLE AVE MONTREAL QUE	B ENG 1 DE 6213
STARZYNSKI FRANK J 72 HILLCREST AVE MONTREAL WEST QUE	B COM 3 WA 1801
STAUBLE WILLIAM JOHN DOUGLAS HALL 25 FITT ST PORT OF SPAIN TRINIDAD B W I	MD CM 2
STEACIE JOHN RICHARD B 3557 DUROCHER ST MONTREAL QUE 320 ISLAND PARK DR OTTAWA ONT	B ENG EL 3 HA 7512
STAUBLE ALFRED G DAWSON COLLEGE 25 FITT ST PORT OF SPAIN TRINIDAD B W I	B ENG 1
STEAD ARTHUR C S 4095 COTE DES NEIGES RD MONTREAL QUE	3
STEADMAN DONALD WATT 3727 JEANNE MANCE ST MONTREAL QUE	B COM 1 PL 1330
STEBER GEORGE 492 GROSVENOR WESTMOUNT QUE	B ARCH 3 WA 8915
STEELE BAREARA C 10540 BERRI ST MONTREAL QUE	B A 1 DU 0434
STEELE JAMES WILLIAM G MACDONALD COLLEGE 5311 COTE ST LUC RD N D G MONTREAL QUE	B SC AGR 2
STEELE JOHN ROSS MACDONALD COLLEGE 66 BRIGHTON AVE OTTAWA ONT	B SC AGR 2
STEERS WILLIAM H 2254 REGENT AVE N D G MONTREAL QUE	B D 2 DE 6289
STEEVES F ELIZABETH MACDONALD COLLEGE	M S W 1
STEEVES MARGARET RUTH 666 VICTORIA AVE WESTMOUNT QUE	B SC P E 2 DE 2871
STEGEN FREDERICK P 7482 OUTREMONT AVE MONTREAL QUE	B A 2 CA 5838
STEGEN GEORGE ALBERT 7482 OUTREMONT AVE MONTREAL 15 QUE	B A 2 CA 5838
STEIN BENJAMIN 5608 JEANNE MANCE ST MONTREAL QUE	B S W 1 CR 9035
STEIN BORIS 5157 PARK AVE APT 3 MONTREAL QUE	B A 3 CR 9320
STEINBERG CHARLOTTE 6210 DEACON RD APT 88 MONTREAL 8 QUE	M S W 2 AT 8934

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
STEINBERG MAURICE 5407 DUQUETTE AVE N D G N D G MONTREAL	B C L 2 EL 9854
STEINBERG NATHAN 749 DE L EPEE MONTREAL 8 QUE	MUS B 3 FO 1418
STEINBERG RENA 426 ST JOSEPH BLVD W OUTREMONT QUE	B COM 1 CR 1087
STEINER GEORGES 4242 GIROUARD AVE N D G MONTREAL QUE PARIS FRANCE	B SC 3 DE 8635
STEINHAUER ERNST G 495 PRINCE ARTHUR W APT 25 MONTREAL QUE TECHNIKUMSTRASSE 80 WINTERTHUR SWITZERLAND	GRAD QUA 1
STEINMAN MALCA DOROTHY 4307 ST URBAIN ST MONTREAL QUE	B A 1 LA 6991
STEINMETZ NICOLAS 1090 LAURIER W OUTREMONT QUE	B SC 2 CR 1073
STENASON WALTER JOHN A 2073 CONNAUGHT AVE MONTREAL WEST QUE 2183 WINDSOR RD VICTORIA B C	B COM 2 DE 2873
STEPHEN CHARLES H 1408 OMER ST MONTREAL QUE	B A 2 TU 1081
STEPHEN GEORGE M 655 VICTORIA AVE WESTMOUNT QUE	B ENG CI 3 WA 6910
STEPHEN GORDON R 655 VICTORIA AVE WESTMOUNT QUE	B A 2 WA 6910
STEPHEN ROBERT GARNETT 302 SIXTH AVE VERDUN MTL 19 QUE	H SCH DI 5 YO 9398
STEPHENS ANN MARGUERITE 5897 CLANRANALD AVE N D G MONTREAL QUE	B A 1 EX 4912
STEPHENS JOHN W 6430 MONKLAND AVE APT 27 MONTREAL QUE HANNA ALTA	MED DIPL 3 DE 0388
STEPHENS NANCY J MACDONALD COLLEGE 536 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B SC H E 2
STEPHENSON DONALD G 4430 COOLBROOK AVE N D G MONTREAL QUE	PARTIAL WA 8338
STEPHENSON JOHN C BOX 88 HUDSON QUE	B A 3
STEPHENSON LOVELL REID 5033 GROSVENOR AVE MONTREAL QUE	B COM 3 AT 6476
STEPHENSON MARION G ROYAL VICTORIA COLLEGE 114 LEINSTER STREET SAINT JOHN N B	B SC P E 4
STERIOPOULOS ATHANASE DAWSON COLLEGE QUE MANTZAROV 2 ATHENS GREECE	B ENG CI 2
STERLING FRANCES MARY 1478 MOUNTAIN ST AP 3 MONTREAL 130 NORTHUMBERLAND ST FREDERICTON N B	B SC P E 1
STERN JACK 3508 UNIVERSITY ST MONTREAL QUE NAMUR QUE	PARTIAL HA 4873
STERN LEO 4472 COLONIAL AVE MONTREAL QUE	B SC 3 BE 1154
STERN MURIEL HARRIET 376 REDFERN AVE APT 6 WESTMOUNT QUE	B SC 2 FI 3032
STERN RUTH 442 ARGYLE AVE WESTMOUNT QUE 8 LES CHEMIN DE VERTLIAM LIMOGES FRANCE	PARTIAL
STETHEM DAPHNE G WHITE CHIMNEYS BEAUREPAIRE QUE	B A 3
STEVENS BERNARD A C O MRS R LEJOUR ST PAUL L ERMITE QUE	B SC 3
STEVENS CATHERINE E 3534 GREY AVE N D G MONTREAL QUE	PH D 3 DE 1001
STEVENS HARRY D 771 HARTLAND AVE OUTREMONT QUE	MD C EX 1371
STEVENS GEORGE DENIS 771 HARTLAND AVE MONTREAL QUE	B A 1 EX 1371
STEVENS KATHRYN JOAN 6616 JEANNE MANCE ST MONTREAL QUE	B A 2 VI 3280
STEVENS VALERIE FAY 5407 COOLBROOK AVE N D G MONTREAL QUE	PHYSIOTH 1 EL 3051
STEVENSON ALLISON B MACDONALD COLLEGE NEW GLASGOW P E I	B SC AGR 3
STEVENSON IRA MORLEY MACDONALD COLLEGE MOUNT FOREST ONT	GRAD QUA 1
STEVENSON JAMES M DAWSON COLLEGE 2337 GRAND BLVD N D G MONTREAL 28 QUE	B ENG 1 EL 6691
STEVENSON MARIANNE ROYAL VICTORIA COLLEGE 20 BREWSTER ST CAMBRIDGE MASS U S A	B SC 1
STEVENSON RONALD L MONTREAL 26 QUE 3478 PRINCE ARTHUR ST W MONTREAL QUE	M A 1 BE 7567
STEWART ALICE MAXWELL 3438 STANLEY ST MONTREAL QUE	B A 4 PL 3695
STEWART CHARLES R 4084 ST DOMINIQUE ST MONTREAL 18 QUE	M A 1 LA 4406
STEWART DAVID MACEWEN 3622 LORNE CRESCENT MTL GRAFTON VERMONT	MD CM 3 BE 4052
STEWART DAVID ROBIN PRESBYTERIAN COLLEGE 21 HOWARD AVE SHERBROOKE QUE	B ENG CI 3
STEWART DONALD H 1122 LAIRD BLVD APT 12 TOWN OF MOUNT ROYAL QUE	B COM 1 EX 2386

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
STEWART ELIZABETH C 431 CASLYLE AVE TOWN OF MOUNT ROYAL BROWNSVILLE 1CT MAINE U S A	B A 3 AT 2517
STEWART FRANCIS A MACDONALD COLLEGE CITY VIEW ONT	B SC AGR 4
STEWART FRANCIS G DOUGLAS HALL 5TH AVE RIVERS MAN	B ENG MI 3
STEIVART JAMES JOHNSTON 5876 NOTRE DAME ST E MONTREAL QUE	H SCH DI 5 CL 7447
STEWART KATHRYN D 3 ST JOSEPH ST STE ANNE DE BELLEVUE QUE 246 CLEMOW AVE OTTAWA ONT	B SC H E 3
STEWART K ROYAL 3507 UNIVERSITY ST MTL 21 HOWARD AVE SHERBROOKE QUE	MD CM 3 PL 0548
STEWART L STANLEY 3571 SHUTER ST MONTREAL QUE	M A 1 PL 0702
STEWART MARGARET H MACDONALD COLLEGE 1063 ST PAUL ST THREE RIVERS QUE	B SC H E 2
STEWART MARJORIE J D 5234 MOUNTAIN SIGHTS AVE N D G MONTREAL QUE	B SC 4 WA 3733
STEWART RICHARD PETER DAWSON COLLEGE QUE 21 HOWARD AVE SHERBROOKE QUE	B ENG 1
STEWART WILLIAM E PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ARCH 4
STEWART WINSTON G 570 MILTON ST MTL BOX 280 SOUTHWEST HARBOR MAINE	MD C 2 BE 5207
STICKLAND ARTHUR EARL 1245 REDPATH CRESCENT MONTREAL QUE 405 OAKLAND AVE OAKLAND CALIFORNIA	MD C HA 0950
STIEBER ESTELLE HILDA 780 STUART AVE OUTREMONT QUE	B A 1 CR 7586
STIENNE CHARLES G DAWSON COLLEGE 4152 AV URIBURU HURLINGHAM ARGENTINA	B ENG CI 1
STILMAN CHARLOTTE 261 ST CATHERINE RD OUTREMONT QUE	B A 1 CA 6100
STILMAN HARRY 5211 ST URBAIN ST MONTREAL QUE	B ARCH 5 CA 8908
STILMAN ROSALIE 261 ST CATHERINE ROAD OUTREMONT QUE	B A 4
STILWELL BENJAMIN W 3517 HUTCHISON ST MTL P O BOX 50 CARMEL CALIF U S A	MD CM 1 PL 6905
STIPELMAN SAUL SAMUEL 4624 HUTCHISON ST MONTREAL QUE	B ENG EL 4 DO 6747

NAME ADDRESS	COURSE & YEAR TEL. NO.
STIRLING CLIFFORD E 101 5TH AVE VERDUN QUE	H SCH DI 5 YO 7854
STIRLING JOHN BAIN DAWSON COLLEGE 230 34TH AVE LACHINE QUE	B ENG MC 2
STIRLING JOHN B DAWSON COLLEGE 66 MAPLE AVE SHAWINIGAN FALLS QUE	B ENG 1
STIRLING RODERICK J 5542 NOTRE DAME DE GRACE MONTREAL 1736 WEST 6 AVE VANCOUVER B C	MD CM 2 EL 0696
STOBBE PETER C 179 BREEZEHILL AVE OTTAWA ONT	PH D 4
STOBER GERALD STANLEY 15 AINSLIE AVE OUTREMONT QUE	MD CM 4 CA 7302
STOBIE GEORGE HUGH C 3637 UNIVERSITY ST MTL 28 CAMPBELL ST BELLEVILLE ONT	MD CM 4 MA 1736
STOCK JOHN J 2150 TUPPER ST APT 1 MONTREAL QUE	PH D 2 WE 1898
STOCKEN CHARLES G WILSON HALL P O BOX 122 LUSAKA NORTHERN RHODESIA	M SC 2
STOKER DESMOND NEIL 1290 PINE AVE W MONTREAL QUE	B C L 1 PL 6709
STOKER PATRICK M 1290 PINE AVE W MONTREAL QUE	B ARCH 4 PL 6709
STONELAKE GEORGE R 3025 SHERBROOKE ST W APT 2A MONTREAL QUE	B COM 3 WI 9665
STORDY STANFORD NEL 3429 PEEL ST MONTREAL QUE 6776 MARGUERITE AVE VANCOUVER B C	B A 1 PL 7385
STOREY WINNIFRED F 2515 VAN HORNE AVE W APT 18 MONTREAL QUE	PARTIAL AT 1906
STORRIER MELVILLE 1679 THEODORE ST MONTREAL QUE	B ENG MI 3 CL 1365
STORY GEORGE MORLEY 3508 UNIVERSITY ST MONTREAL QUE 337 SOUTH SIDE RD ST JOHNS NEWFOUNDLAND	B A 4 BE 0752
STOUGHTON PETER VAN C PRESBYTERIAN COLLEGE KENMORE RD BLOOMFIELD CONN	MD CM 1
STRACHAN ALISON ANN ROYAL VICTORIA COLLEGE 11 SEAVIEW AVENUE HALF WAY TREE JAMAICA	B SC 1
STRATH THOMAS YOUNG PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG EL 4
STRATHY GORDON MAC 4661 QUEEN MARY RD MONTREAL QUE	B COM 2 AT 5516

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NAME ADDRESS	COURSE & YEAR TEL. NO.
STRATIGOPOULOS ANDREW DAWSON COLLEGE 16 SKOUFA STR ATHENS GREECE	B SC 1
STRATTON HUGH DOUGLAS 3135 LINTON AVE MONTREAL QUE	B SC P E 4
STREAN JOAN HOPE 656 LANSDOWNE AVE WESTMOUNT QUE	B A 3 EL 2312
STROMBERG HYMAN 7757 STUART AVE MONTREAL QUE	B SC 4 GR 4269
STROVER WYNDHAM ALFRED 3425 RIDGEWOOD AVE APT 401 MONTREAL QUE	B C L 3 EX 5361
STRUTHERS RAYMOND H 1469 DRUMMOND ST MONTREAL QUE APPLETON ONT	B SC 3 PL 2061
STUART JAMES RICHARD 5600 DECELLES AVE APT 14 MONTREAL 26 QUE	MED DIPL 1 EX 4194
STUBBS JOHN DOEHN DAWSON COLLEGE SUNNYSIDE SHELLY BAY BERMUDA	B SC 1
STUMP WERNER CARL DAWSON COLLEGE UNION 71 COL ESCANDON MEXICO CITY MEXICO	B ENG 1
STUNDEN GEORGE R MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ENG CI 4
STURGESS DOUGLAS HECTOR DAWSON COLLEGE QUE 726 MANNING AVE VERDUN QUE	B ENG 1
STURTON AINSWORTH H G 5500 VICTORIA AVE APT 8 MONTREAL QUE	B ENG CH 3
STUTT HOWARD A 4567 EARNSCLIFFE AVE MONTREAL 28 QUE	M A 1 EL 4584
SUGGETT JOHN STEWART 3566 PARK AVE APT 3 MONTREAL QUE 9 EUCLID AVE OTTAWA ONT	B SC 2 MA 5547
SULLIVAN DANIEL EMERY 3585 PEEL ST MONTREAL QUE 1001 PRENDERGAST AVE JAMESTOWN N Y U S A	B A 2
SUMMERBY JOHN HALL BOX 250 MACDONALD COLLEG STE ANNE DE BELLEVUE QUE	MD CM 3
SUMMERS PEARL RUTH 430 WILLOWDALE AVE APT 6 OUTREMONT QUE	M A 2 EX 5232
SUMMERS WILLIAM F 4127 SHERBROOKE ST W MTL 41 PENNYWELL RD ST JOHNS NFLD	PH D 2
SUMMERSKILL PAUL W 3424 SIMPSON ST MTL 308 SECOND ST W CORNWALL ONTARIO	B A 1
SUMNER ELIZABETH A 4885 GROSVENOR AVE MONTREAL QUE	B A 3 AT 6116
SUPERSTEIN DOROTHY 5275 HUTCHISON ST MONTREAL QUE	M S W 2 DO 9477
SUTHERLAND JOHN 1441 DRUMMOND ST MTL 458 MCLEOD ST OTTAWA ONT	B ENG CI 3
SURCHIN HYMAN H 636 BELMONT AVE WESTMOUNT QUE 10 AVERY AVE BUFALO N Y U S A	MED DIPL 3
SURPRENANT REAL 44 LORNE ST ST LAMBERT QUE PHILIPSBURG QUE	B COM 1
SURROCA FRANCISCO V 1514 CRESCENT ST MONTREAL QUE P O BOX 418 SAN JOSE COSTA RICA	B ENG CI 4 MA 7457
SUSSER ISIDORE W 4095 HENRI JULIEN ST MONTREAL QUE	D D S 2 BE 3649
SUSSLIN ALFRED GOULD 73 HIGH ST ST ALBANS VERMONT	D D S 1
SUSSMAN DAVID 2767 MAPLEWOOD AVE APT 3 MONTREAL QUE	B A 1 EX 4279
SUSSMAN ROSA 6084 JEANNE MANCE ST MONTREAL QUE	B A 3
SUTCLIFFE FRANK H DAWSON COLLEGE QUE 10862 WAVERLEY ST MONTREAL 12 QUE	B ENG 1
SUTHERLAND DIANA H 31 RICHELIEU PLACE MONTREAL QUE	B A 2 LA 6843
SUTHERLAND ELIZABETH 781 UPPER BELMONT AVE WESTMOUNT QUE	B A 3 EL 4812
SUTHERLAND THOMAS H 500 VICTORIA AVE WESTMOUNT QUE 443 MAIN ST N MOOSE JAW SASK	B SC 3 EL 4190
SUTTIE FREDERICK G A 4304 MADISON AVE N D G MONTREAL QUE	B SC 3 DE 3703
SWAIL BARBARA J MACDONALD COLLEGE ARUNDEL QUE	TCH ELEM 1
SWAIL MADELEINE R MACDONALD COLLEGE ARUNDEL QUE	TCH ELEM 1
SWAIL JOHN PETERSON 11 ELLERDALE ROAD HAMPSTEAD QUE	B COM 2 EL 5066
SWAINE ERIC GREGORY MACDONALD COLLEGE 505 CLAREMONT AVE WESTMOUNT QUE	B SC AGR 4
SWAINE RALPH LORNE 505 CLAREMONT AVE WESTMOUNT QUE	B SC 4 EL 9618
SWAN BASIL ANDERSON WILSON RESIDENCE R R 2 DEBERT COL CO NOVA SCOTIA	B ENG MC 3
SWANZEY EUGENE HARRY 629 VICTORIA AVE MTL 9411 35TH AVE SW SEATTLE 6 WASH	MD CM 3 WA 5039

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SWEENEY CHARLES E DAWSON COLLEGE QUE 784 MANNING AVE VERDUN QUE	B ENG 1
SWEET ROBERT LOWELL PETERSON RESIDENCES 80 BYRON ST OTTAWA ONT	MD CM 4
SWEETNAM OLIVE C MACDONALD COLLEGE 24 MARY ST NEW LISKEARD ONT	B SC H E 3
SWENY DAVID GEORGE DOUGLAS HALL 12 AUSTIN TERRACE TORONTO ONT	B A 1
SWETNAM MARGUERITE J 4475 OXFORD AVE N D G MONTREAL QUE	B COM 2 EL 6032
SWITZER LIONEL S 1365 GREENE AVE MTL 216 BANK ST APT 5 OTTAWA ONT	B ARCH 3
SWOGER DONALD CLYDE 3508 UNIVERSITY ST MONTREAL QUE 1 BELLEVUE ST MAGOG QUE	B A 2 HA 4873
SWORD HELEN MCLENNAN HALL 944 SESSIE AVE WINNIPEG MAN	PARTIAL
SYLVESTER GORDON FRANK 160 51ST AVE DIXIE LACHINE QUE	B SC 4
SYME ANDREW MACALISTER 5520 VICTORIA AVE APT 16 MONTREAL QUE	B ENG MI 4
SYME BEATRICE ISABEL 5520 VICTORIA AVE APT 16 MONTREAL QUE	B A 4
SYMONOLEWICZ KRISTINA ROYAL VICTORIA COLLEGE 292 SPRAGUE AVE KINGSTON PENNA U S A	B A 1
SYVAOJA MIRIAM L MACDONALD COLLEGE 587 10TH STREET ARVIDA QUE	TCH ELEM 1
SZABO ALEXANDER J 419 PRINCE ARTHUR ST MONTREAL QUE 1293 DUFFERIN PLACE WINDSOR ONT	B ENG MC 3 HA 1088
SZASZ GEORGE 1189 GUY STREET MONTREAL QUE 1337 MINTO CRESCENT VANCOUVER B C	B SC 2 WI 6970

T

NAME ADDRESS	COURSE & YEAR TEL. NO.
TABAH EDWARD JOHN MEMORIAL HOSPITAL 44 E 68TH ST NY U S A 1932 CLINTON AVE MONTREAL QUE	MED DIPL 4
TACKOOR PHILBIN R R 3642 LORNE CR APT 8 MTL 36 AKEATE ST SAN FERNANDO TRIN B W I	B A 4 MA 7991
TAIT LESLIE J 4034 OXFORD AVE0	B ENG MC 3 EL 5630
TAITELBAUM GITA 6249 DE VIMY AVE MONTREAL QUE	B SC 3 AT 2520
TAKESHIGE MAURICE Y 3657 PARK AVE APT 8 MONTREAL QUE	M ENG 1 LA 8652
TALBOT G W ANNE MACDONALD COLLEGE SHEDIAC N B	B SC 4
TALLMAN PERCIVAL A A 2070 UNION AVE APT 6 MONTREAL QUE	M A 2
TALLON JOHN BRODERICK 3617 LORNE CRESCENT MTL 116 SECOND JT E CORNWALL ONT	MD C 3 LA 8013
TALLER HERBERT 3879 DE BULLION ST MONTREAL QUE	B COM 3 MA 4007
TAMBLING KIRK ARTHUR MACDONALD COLLEGE 2356 HINGSTON AVE N D G MONTREAL QUE	B SC AGR 1
TAMBON KENNETH M G 450 CRESCENT AVE ST LAMBERT QUE	B ENG MC 4
TAMMIST TEKLA ELSE 3750 MAPLEWOOD AVE MONTREAL	B L S 1 EX 6992
TANNENBAUM LOUIS 5602 PARK AVE APT 6 MONTREAL QUE	B A 1 CR 9319
TANNENBAUM WALTER ALLEN 5303 ESPLANADE AVE MONTREAL QUE	B A 1 CR 2614
TANNEY MARIKAY 43 PERREAULT AVE STE ANNE DE BELLEVUE QUE IROQUOIS ONT	B SC H E 2
TANSEY CAROL M MACDONALD COLLEGE 2307 MELROSE AVE N D G MONTREAL QUE	HOMEMAKE 1
TANSEY MARY ELIZABETH 2307 MELROSE AVE N D G MONTREAL QUE	B A 4 DE 9411
TARAN CHARLES 4075 ESPLANADE AVE MONTREAL QUE	B COM 1 MA 4487
TARDIF JOSEPH S R DAWSON COLLEGE ST JOHNS QUE 87 PRICE ST CHICOUTIMI QUE	B ENG EL 2
TASCHEREAU HUGH ROGERS 3403 HUTCHISON ST MONTREAL QUE 1155 DEMONTIGNY AVE QUEBEC CITY QUE	B A 4 HA 3072

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
TASCHEREAU MALCOLM A DAWSON COLLEGE 1155 DE MONTIGNY AVE QUEBEC QUE	B ENG MI 2
TASCHEREAU MAURICE E DAWSON COLLEGE 1155 DE MONTIGNY AVE QUEBEC CITY QUE	B ENG MI 2
TATE ROBERT A 4326 SHERBROOKE ST W WESTMOUNT QUE	B A 2 FI 7398
TATEOS DENIS JOHN Y M C A DRUMMOND ST MONTREAL QUE BOUCOURESTION 33 ATHENS GREECE	B ENG 1
TAUB BARBARA JOAN 5034 GROSVENOR AVE MONTREAL QUE	B A 1 AT 9736
TAVISS STANLEY 1035 ST VIATEUR APT 5 OUTREMONT QUE	B A 1 RO 4565
TAUSSIG ANDREW 5333 HUTCHISON ST MONTREAL QUE	B SC 2 CR 2057
TAYLOR ANN 4611 MELROSE AVE MONTREAL QUE 3 CRAIK AVE KINGSWAY PK TORONTO ONT	M A 1 EL 0381
TAYLOR ARNOLD EWART 3485 MC TAVISH ST MTL 2340 TORONTO STREET REGINA SASK	B SC P E 4 BE 0424
TAYLOR AUDREY M MACDONALD COLLEGE 3441 WELLINGTON ST VERDUN QUE	TCH INT 1
TAYLOR CHARLES M 436 STE CATHERINE RD OUTREMONT QUE	B A 2 CA 6595
TAYLOR DAVID HUDSON 515 ROSLYN AVE WESTMOUNT QUE	M A 1 DE 4175
TAYLOR DOROTHY ANNE 4530 GIROUARD AVE MONTREAL 28 QUE	H SCH DI 5 EL 9378
TAYLOR EARLA ANN P 42 BALLANTYNE AVE MONTREAL WEST QUE	B S3 P E 2 EL 2797
TAYLOR EDWARD J 3501 WALKLEY AVE N D G MONTREAL QUE BOX 213 BROCKVILLE ONT	B S W 1 WA 4621
TAYLOR ELVA ORIAN MACDONALD COLLEGE 8349 ST URBAIN ST MONTREAL 14 QUE	TCH INT 1
TAYLOR FREDERICK CLARK 15 BOIS FRANC RD ST LAURENT QUE	M SC 1 BY 1736
TAYLOR FRANK GRAHAM 1106 ELGIN TERRACE APT 1 MONTREAL QUE	B SC 4 PL 3378
TAYLOR GEOFFREY B 436 ST CATHERINE ROAD MONTREAL QUE	B ENG CI 3 CA 6595
TAYLOR HARLAND W 3507 SHUTER ST MONTREAL QUE 153 BIRCH ST ROSLINDALE MASS U S A	M A 2
TAYLOR HELEN DORIS 2364 CLIFTON AVE MONTREAL 28 QUE	B A 1 EL 9475

NAME ADDRESS	COURSE & YEAR TEL. NO.
TAYLOR JOHN CULBERT 3851 UNIVERSITY ST MTL 105 BROADWAY AVE OTTAWA ONT	MD CM 1
TAYLOR JOHN H 95 L ESPERANCE ST ST LAMBERT QUE	M A 2
TAYLOR JUDITH W ROYAL VICTORIA COLLEGE R R 1 YORK HILLS ONT	B SC 4
TAYLOR LAURENCE W DAWSON COLLEGE 66 BENFIELD ST PARIS ONT	B SC 1
TAYLOR LESTER J R MACDONALD COLLEGE ST ANNE DE BELLEVUE 2 WINCHESTER RD HALFWAY TREE JAMAICA B W	B SC AGR 3
TAYLOR MARY LOUISE ROYAL VICTORIA COLLEGE R R 1 YORK MILLS TORONTO ONT	B A 2
TAYLOR PAMELA MARY MACDONALD COLLEGE 153 EDISON AVE ST LAMBERT QUE	B SC H E 4
TAYLOR ROBERT EMSLEY DAWSON COLLEGE QUE 803 UPPER BELMONT AVE WESTMOUNT QUE	B ENG CH 2 DE 0560
TAYLOR ROBERT MORRISON DAWSON COLLEGE QUE 908 15 AVE WEST CALGARY ALTA	B ENG CI 2
TAYLOR RONALD G 3561 HUTCHISON ST MONTREAL QUE MASSAWIPPI QUE	B ENG EL 3
TAYLOR ROSS MAC NIDER 627 MILTON ST APT 3 MONTREAL QUE 5553 QUEEN MARY RD APT 1 N D G MONTREAL QUE	B ENG EL 4 MA 7949
TAYLOR ROY FALKENER 69 WICKSTEED AVE0 TOWN OF MOUNT ROYAL QUE	B ENG CH 3 AT 9096
TAYLOR RUSSEL FREDERICK PETERSON RESIDENCES 25TH AVE LACHINE	MD C 4
TAYLOR RUTH MCKINLAY 104 MAIN ST FARNHAM QUE	B A 1
TAYLOR WILLIAM L W 4290 SHERBROOKE ST W WESTMOUNT QUE	M SC 2 FI 8874
TAYS RAYMOND CHARLES 5389 HUTCHISON ST MONTREAL QUE SHUBENACADIE N S	B COM 3 CA 4911
TEAKLE ANNE E MACDONALD COLLEGE 6580 MONKLAND AVE APT 12 MONTREAL 28 QUE	B SC H E 2 DE 5277
TEANY ARTHUR R DAWSON COLLEGE 5150 DECARIE BLVD APT 12 MONTREAL QUE	B SC 2
TEDFORD CLAIR A PETERSON RESIDENCE 264 QUEEN ST TRURO NOVA SCOTIA	B SC P E 2
TEES FREDERICK A 646 BELMONT AVE WESTMOUNT QUE	B D 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TEGHTSOONIAN OPHELIA 4275 WESTERN AVE APT 2 WESTMOUNT QUE	PARTIAL WI 0400
TELFER ISABEL J ROYAL VICTORIA COLLEGE 171 CHATEAUQUAY ST HUNTINGDON QUE	B A 2
TELLER SABINA RUTH 6023 WILDERTON AVE MONTREAL QUE	B A 2 EX 2013
TELLING FREDERICK W 582 LANSDOWNE AVE WESTMOUNT QUE	B SC 3 WA 5341
TELLING RONALD W 5563 BANNANTYNE AVE0 VERDUN QUE 4 CELANESE SQUARE DRUMMONDVILLE QUE	B ENG MC 4 TR 9605
TEMPLETON MARGARET J MACDONALD COLLEGE RIVERFIELD QUE	B SC H E 1
TENCER DAVE 703 MCEACHRAN AVE OUTREMONT QUE	B COM 1 DO 2752
TENNANT IVAN C N DAWSON COLLEGE 5540 QUEEN MARY RD MONTREAL QUE	B SC 2
TERAN EDISON H DAWSON COLLEGE QUE 2010 BARCLAY AVE MONTREAL QUE	B ENG MC 2
TETRAULT JACQUES 1587 MCGREGOR ST MONTREAL	B C L 1 FI 0836
TEUSCHER ANNEMARIE C 4855 LACOMBE AVE MONTREAL QUE	B F A 2 AT 5039
THACKRAY JOAN M 3463 HOLTON AVE WESTMOUNT QUE	M A 1 WE 4492
THERIAULT EDDIE 3916 COOL ST VERDUN QUE	B A 4 HE 3428
THIBAULT JEAN 3541 SHUTER ST MONTREAL QUE 98 DE LA FABRIQUE MATANE QUE	B COM 1 MA 9504
THIBAULT JOSEPH L J P 4431 OLD ORCHARD N D G MONTREAL QUE	B C L 1 EL 9329
THIBAULT JOSEPH P L A DAWSON COLLEGE0 ST JOHNS QUE 5270 7TH AVE ROSEMOUNT MONTREAL 36 QU	B ENG MC 2 FR 5895
THILLAYE BERNARD C 3550 RIDGEWOOD AVE MONTREAL QUE	B SC 2
THOM ROBERT C DOUGLAS HALL0 ERNFOLD SASK	B A 2
THOMAS ARTHUR ROY HUGH 39 DUFFERIN RD HAMPSTEAD QUE	B A 3 DE 7024
THOMAS DAVID JOHN 5306 BRODEUR AVE MONTREAL QUE 1485 DAVIE ST SUITE 111 VANCOUVER B C	B ENG CH 3 WA 6314
THOMAS GORDON PETERSON RESIDENCE 87 WELLINGTON ST ST THOMAS ONT	PH D 4
THOMAS HERBERT EDWIN 3653 UNIVERSITY ST MONTREAL QUE 26 LEARMONTH ST QUEBEC CITY QUE	B SC 4 PL 2073
THOMAS IRENE MACDONALD COLLEGE 255 PERCY ST OTTAWA ONT	B SC H E 3
THOMAS JAMES HENRY H 1536 ST MARK APT 5 MONTREAL QUE	B A 1 FI 4493
THOMAS JAMESMALCOLM 5219 CONNAUGHT AVE N D G MONTREAL QUE	B COM 2 DE 8312
THOMAS KENNETH M 168 FLORENCE ST OTTAWA ONT	B ENG MC 3
THOMAS MILTON P M 2277 MARCIL AVE N D G MONTREAL QUE	B ENG EL 4 EL 6832
THOMAS RAYMOND C JR DOUGLAS HALL 404 EAST 147TH ST CLEVELAND 10 OHIO U S A	B A 3
THOMAS TELFER LAWSON DAWSON COLLEGE 8 LANGEVIN ST CHAMBLY CANTON QUE	B SC 1
THOMAS WILLIAM DESMOND 5219 CONNAUGHT AVE MONTREAL	B C L 3 DE 8312
THOMPSON ALAN GIBB 4545 MAYFAIR AVE MONTREAL QUE	MED DIPL 3 DE 8202
THOMPSON BENJAMIN L 3519 HUTCISON ST MTL SAVANNA LA MAR JAMAICA B W I	MD CM 2 MA 9921
THOMPSON CARLYLE G 5581 DARLINGTON AVE TOWN OF MOUNT ROYAL QUE	B SC 3 AT 1244
THOMPSON CHRISTINA E 3345 BARCLAY AVE MONTREAL QUE WEIR QUE	B SC 4
THOMPSON ELIZABETH S A 60 STRATFORD RD HAMPSTEAD MONTREAL QUE	B A 3 EL 5303
THOMPSON GORDON BRUCE DOUGLAS HALL 104 GARFIELD ST WINNIPEG MAN	MD CM 2
THOMPSON HAZEN S MACDONALD COLLEGE FRELIGHSBURG QUE	B SC AGR 4
THOMPSON LLOYD M 1210 LLOYD GEORGE AVE VERDUN QUE	PH D 2 TR 9305
THOMPSON MAYNARD K 42 FINCHLEY ROAD HAMPSTEAD MONTREAL 29 QU	B ENG EL 4 EL 1343
THOMPSON NIGEL FIRBANK 3940 COTE DES NEIGES RD MONTREAL QUE	B COM 1 FI 9293
THOMPSON PAMELA CAIRINE 206 DUFFERIN ROAD HAMPSTEAD QUE	B SC 2 EL 8551
THOMPSON PATRICIA A MACDONALD COLLEGE BOX 249 HAILEYBURY ONT	B SC H E 4
THOMPSON PHILIPPA C ROYAL VICTORIA COLLEGE BOX 404 GRIMSBY ONT	B A 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
THOMPSON ROBERT D 420 PRINCE ARTHUR ST W0 MONTREAL QUE	B ARCH 4 MA 1491
THOMPSON VILLIAM A 359 WISEMAN AVE OUTREMONT QUE	B SC 2 DO 6440
THOMPSON VILLIAM J DAWSON COLLEGE 67 ORCHARD ST BROCKVILLE ONT	B ENG EL 2
THOMPSON WINNIFRED Y MACDONALD COLLEGE HAILEYBURY ONT	B SC H E 4
THOMSON ALEX BLAIR KEENE ONTARIO	B SC P&E 2
THOMSON ALEXANDER 2060 METCALFE ST MTL 687 ISLAND RD VICTORIA B C	MD CM 3 MA 0350
THOMSON BRUCE DONAN 4612 ST CATHERINE ST W WESTMOUNT QUE	B COM 2 WI 5444
THOMSON DOUGLAS LORNE DOUGLAS HALL 108 4TH AVE YORKTON SASK	B SC 3
THOMSON JOHN ARTHUR C 3521 UNIVERSITY ST MONTREAL 2 QUE	B A 1 HA 9579
THOMSON PETER A MAC DONALD COLLEGE ABBOTSFORD QUE	B SC AGR 2
THOMSON WILLIAM R MACDONALD COLLEGE 205 O CONNOR ST OTTAWA ONT	B SC AGR 3
THORNTON MARGARET AMY ROYAL VICTORIA COLLEGE 1 PARK VILLAS WALLSEND ON TYNE ENGLAND	B SC 2
THOROGOOD IRIS EDNA 3517 HUTCHISON ST MTL 568 RUTHET ST VICTORIA B C	MD C 2 PL 6905
THORPE JOHN T F 3425 ST FAMILLE ST MONTREAL QUE 1248 BRUCE AVE WINDSOR ONT0	B ENG MC 4
THOW ISOBEL MARNA W 4835 CEDAR CRESCENT MONTREAL 6 QUE	B A 3 EL 5494
THRALL CHARLES HARPER 5741 DECARIE BLVD MONTREAL QUE 36 GEORGIAN RD MORRISTOWN N J U S A	B ENG EL 3
THRESHER PHILIP B C O 214 ST JAMES W MONTREAL QUE THE MARINE HOTEL PENZANCE ENGLAND	M A 1 MA 3014
THURBER MARGARET S ROYAL VICTORIA COLLEGE BAIE COMEAU QUE	B A 3
THUROLZY N CHOLAS MACDONALD COLLEGE	B SC AGR 2
TIDMAN PATRICK ALLEN PETERSON RISIDENCE 25TH AVE LACHINE	MD C 2
TIFFEN ARTHUR W 6175 ANGERS ST MONTREAL 28 QUE	B D 1 TR 8933

NAME ADDRESS	COURSE & YEAR TEL. NO.
TILDEN PAUL EDWARD 40 OAKLAND AVE WESTMOUNT QUE	B COM 3 DE 4343
TILDEN WALTER B 40 OAKLANDAVE AVE WESTMOUNT QUE	B COM 4 DE 4343
TILLE DAGMAR 20285 LAKESHORE ROAD BAIE D URFE QUE	B SC H E 1
TILLEY DAWSON HERBERT 5575 QUEEN MARY ROAD HAMPSTEAD QUE	B COM 2 WA 6168
TILLEY DONALD E 3583 UNIVERSITY ST MONTREAL QUE	PH D 2 BE 7586
TIMMINS D JOAN MACDONALD COLLEGE 305 BROCK AVE N MONTREAL WEST QUE	B SC H E 1
TIMMINS ELIZABETH ANNE 3527 REDPATH ST MONTREAL QUE	B A 1 MA 6478
TIMMINS LOUIS H 14 SUNNYSIDE AVE WESTMOUNT QUE	B COM 1 FI 1919
TIMMINS MARIE T MACDONALD COLLEGE 1227 SHERBROOKE ST W MONTREAL QUE	B SC AGR 2
TIMMIS WILLIAM G DAWSON COLLEGE QUE 12 ST MAURICE TERRACE CAP DE LA MADELEINE QUE	B ENG 1
TIMOFEEFF NICOLAY PETER DAWSON COLLEGE ST JOHNS QUE ISLE MALIGNE QUE	B ENG CH 1
TINDALE WILLIAM PATERSO 5000 CLANRANALD AVE N D G MONTREAL QUE	B SC 3 WA 7894
TINMOUTH EDWARD W 285 COLLEGE AVE VILLE ST LAURENT QUE	B COM 1 BY 4461
TITUS GREGORY LAW 3536 ADDINGTON AVE MTL 14 ELM ST YARMOUTH N S	B SC P E 3 DE 3149
TITUS JOSEPH F 517 PINE AVE MONTREAL QUE MARYSVILLE N B	B COM 3 MA 2948
TIVERS HELEN C 1640 DARLING ST MONTREAL QUE	B SC 1 CH 1572
TJELIOS ANGELINA N MACDONALD COLLEGE 1887 SHERBROOKE ST E MONTREAL QUE	TCH ELEM 1
TJELIOS GEORGE N 1887 SHERBROOKE ST E MONTREAL QUE	B COM 3 AM 1769
TOBENSTEIN MURIEL 4564 ST DOMINIQUE ST MONTREAL QUE	B COM 3 MA 5338
TOBMAN MALCA 5520 HUTCHISON ST0 OUTREMONT QUE	B ARCH 2 TA 3854
TOD CHARLES RITCHIE 885 OUTREMONT AVE0 OUTREMONT QUE	B ENG MC 4 TA 2296
TOD PHILIP LESLIE 3555 ATWATER ST APT 111 MONTREAL QUE	PARTIAL

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TODD JOHN EVERETT 237 KENSINGTON AVE WESTMOUNT QUE	B A 2 WE 5655
TODD LIONEL DAWSON COLLEGE ST JOHNS QUE 4414 WILSON AVE N D G MONTREAL QUE	B ENG 1
TODD MARGARET A ROYAL VICTORIA COLLEGE 8203 GRUBB RD SILVER SPRING MO U S A	B SC 1
TODD MARTIN G DAWSON COLLEGE ST JOHNS QUE 211 WATER ST N GALT ONT	B ENG ME 2
TOLCHINSKY HYMAN M 4708 VAN HORNE AVE MONTREAL QUE	B ARCH 3 LA 0406
TOMKINS GEORGE S 6569 BEAULIEU ST MONTREAL QUE	M A 1 TR 3206
TOMLINSON DAVID HOLLAND 1209 PREMIER WAY CALGARY ALBERTA	B COM 1
TOMLINSON DUDLEY M B DAWSON COLLEGE 2 PENRITH ROAD CROSS RDS P O JAMAICA	B SC 2
TOMOVICH M DAWSON COLLEGE 1007 GUY ST MONTREAL QUE	B ENG 2
TOMAS FRANCISCO 3479 LAVAL MONTREAL QUE	B SC 1 HA 8552
TONG EDWARD L 2940 VAN HORNE AVE APT 2 MONTREAL 26 QUE	B ENG EL 4 EX 2694
TOOGOOD JOHN H 5206 DECARIE BLVD APT 9 MONTREAL QUE	MED DIPL 2 DE 1624
TOOMBS JAMES F 58 GUILBAULT ST MONTREAL QUE 12 ELM AVE CHARLOTTETOWN P E I	B ARCH 4 HA 7613
TORESON WILFRED EARL 4897 QUEEN MARY RD MONTREAL QUE 102 NORTH QUINCY AVE MCCLOUD CAL U S A	PH D 3 AT 9745
TORODE FRANK ALFRED 8247 QUERBES AVE MONTREAL QUE	B COM 3 CA 0491
TOSCANO ELIZABETH M ROYAL VICTORIA COLLEGE 76 DAY STREET AUBURNDALE MASS	B A 3
TOTZKE CARL ANDREW FIELD HOUSE 225 VICTORIA ST N KITCHENER ONT	B SC 2
TOWELL HAROLD VERNON THEOLOGICAL COLLEGE 53 RIVER ST E PRINCE ALBERT SASK	MD C 3 BE 0752
TOWER DONALD B 3777 COTE DES NEIGES RD MONTREAL QUE 63 DELAFIELD ISLAND RD DARIEN CONN U S A	PH D 2 FI 4190
TOWERS GEORGE H N PETERSON RESIDENCE 24 MANOR ROAD BECKENHAM KENT ENGLAND	B SC 4
TOWNER ANDRE 4408 CHRISTOPHE COLOMB MONTREAL QUE	B ENG EL 4 AM 1049
TOWNSEND EDITH E 4250 MARCIL AVE APT 1 N D G MONTREAL QUE	B SC 2 WA 4287
TOWNSEND GERALD E MACDONALD COLLEGE R R 3 TRURO N S	B SC 4
TOWNSEND MICHAEL DAWSON COLLEGE GOTELEY MANOR NORTHIAN SUSSEX ENGLAND	B SC 1
TOWNSEND ROSE COLIN 51 STE ANNES ST ST ANNE DE BELLEVUE LITTLE PRESCOTES BROCKENHURST HANTS ENG	B SC AGR 2
TOWNSHEND MARGARET E ROYAL VICTORIA COLLEGE AVONTON HILL WINDSOR NOVA SCOTIA	B SC P E 2
TOWNSEND WILLIAM G 1260 DECARIE BLVD APT 5 ST LAURENT QUE	B SC 4
TOYE DAVID E MACDONALD COLLEGE 4290 WESTERN AVE WESTMOUNT QUE	B SC AGR 4 WE 4374
TOYE MAUDE M 4290 WESTERN AVE WESTMOUNT QUE	B ENG CH 4 WE 4374
TOYE SIMON PETER 4290 WESTERN AVE WESTMOUNT QUE	B SC 4 WE 4374
TRACEY JAMES W 3422 STANLEY ST MTL CHURCH ST COTYMANS N Y U S A	PARTIAL MA 0526
TRACEY PAUL M MACDONALD COLLEGE CENTREVILLE CAR CO N B	B SC AGR 4
TRACHTENBERG SAMUEL 3636 HENRI JULIEN ST APT 7 MONTREAL QUE	PH D 2 HA 1522
TRASK HAROLD J MACDONALD COLLEGE P O BOX 382 DIGBY N S	B SC AGR 4
TRASLER KENNETH IAN 410 44TH AVE LACHINE QUE	B SC 4
TREMBLAY GILLES GUY J 159 DE L EPEE AVE OUTREMONT QUE	B ENG MC 4 CA 9759
TREMBLAY GILLES F DAWSON COLLEGE 43 GOULBURN AVE OTTAWA ONT	B ENG CI 2
TREMBLAY JEAN MAURICE 2306 CHAMBLY ST MONTREAL QUE	B COM 2 CH 6396
TREMBLAY JOSEPH J 6490 CASGRAIN ST MONTREAL QUE 605 111TH STREET SHAWINIGAN SOUTH 2 QUE	B ENG CI 3 CR 3942
TREMBLAY MARIE LEDA 16 MELBOURNE AVE WESTMOUNT QUE	B C L 3 WE 6558
TREMBLAY MOUSSEAU 4373 MADISON AVE MONTREAL 28 QUE	M SC 1 WA 6237

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TREMBLETT HILDA 192 BLOOMFIELD AVE OUTREMONT QUE BONAVISTA NEWFOUNDLAND	PARTIAL CR 4424
TREVELYAN BENJAMIN J 1555 SUMMERHILL AVE APT 314 MONTREAL QUE LINCOLN AVE BEAMSVILLE ONT	PH D 2
TRIANDIS CHARALAMBOS PRESBYTERIAN COLLEGE MONTREAL QUE 9 HATITOS ATHENS GREECE	B ENG MC 3
TRIEST WILLIAM ADRIEN WILSON HALL BOX 339 ROCKLEDGE FLORIDA U S A	B COM 2
TROOP ANDREW H S PRESBYTERIAN COLLEGE	B COM 3
TROSSMAN BERNARD DAWSON COLLEGE 12 CAMBRAI AVE OUTREMONT QUE	B SC 1 AT 3224
TROSSMAN MARSHALL 271 LAURIER AVE W MONTREAL QUE 12 CAMBRAI AVE OUTREMONT QUE	MD C 4 DO 6704
TROSSMAN SYLVIA RUTH 12 CAMBRAI AVE OUTREMONT QUE	B A 3 AT 3224
TROTTER FRANCIS BRUCE 4962 LAFONTAINE ST MAISONNEUVE QUE	B COM 3 CL 8198
TROUGHTON JACK 4225 BANNANTYNE AVE VERDUN QUE	B SC 3
TROY THOMAS GUY 2240 OLD ORCHARD AVE N D G MONTREAL QUE	B ENG EL 3 DE 8327
TRUDEAU EDGAR J PETERSON RESIDENCE 25TH AVE LACHINE QUE	B COM 3
TRUELAND JULIA A 331 REDFERN AVE WESTMOUNT QUE	B SC AGR 2 WE 1404
TRUDELLE ALFRED OLIVER 4248 GIROUARD AVE MTL 2936 REGINA AVE REGINA SASK	D D S 4 DE 5692
TRUSCOTT GEORGE NELSON 3485 MCTAVISH ST MONTREAL QUE BATTLEFORD SASK	D D S 2 BE 0424
TRYHANE GERALD A L 5530 COTE ST LUC APT 41 N D G MONTREAL QUE BAGATELLE ST THOMAS BARBADOS B W I	B ENG EL 3 WA 8772
TSIRIVAS ANTHOULA DAWSON COLLEGE 1417 KINGS HIGHWAY BROOKLYN N Y U S A	B ENG 1
TSUKAMOTO JOE Y MACDONALD COLLEGE P O BOX 160 RAYMOND ALBERTA	B SC AGR 1
TUBMAN ARNOLD W 1180 DRUMMOND ST APT 16 MONTREAL QUE 40 MILBURN AVE BALDWIN N Y	B ENG 4C 3 LA 5978
TUBMAN JOYCE NORMA 204A GOHIER ST ST LAURENT QUE	B SC P E 3 BY 1781

NAME ADDRESS	COURSE & YEAR TEL. NO.
TUCKER BARBARA I MACDONALD COLLEGE 531 BRIERWOOD AVE OTTAWA ONT	B SC H E 1
TUCKER BARBRRA R S C 512 CLARKE AVE WESTMOUNT QUE	B A 1 FI 9296
TUCKER MICHAEL L 28 WINDSOR AVE WESTMOUNT QUE	B ENG 1 EL 2633
TUDOR KATHLEEN KINSMAN 327 ST GERMAIN ST VILLE ST LAURENT	M A 1 BY 5151
TUGHAN WILLIAM JAMES 168 FIFTH AVE VERDUN QUE	B ENG EL 3 YO 9131
TULK MARIE M V 3578A PEEL ST MONTREAL QUE BOX 691 MAGOG QUEBEC	1 MA 1517
TULLY DANIEL L MACDONALD COLLEGE ATHELSTAN QUE	B SC AGR 1
TULLY RUSSEL HAMILTON DAWSON COLLEGE ATHELSTAN QUE	B ENG 1
TUNGATE HARRY VICTOR 3667 LORNE CRESCENT MONTREAL QUE 125 E 53RD AVE VANCOUVER B C	D D S 2 HA 3719
TUNIS CYRIL JAMES DAWSON COLLEGE 5290 ESPLANADE AVE MONTREAL QUE	B SC 1 DO 4057
TUNIS MORTIMER MARTIN 3790 COTE ST CATH RD MONTREAL QUE	MED DIPL 2 AT 7974
TUOHY CEDRIC E 481 MILTON ST MTL 510 AVE B SNOHOMISA WASH U S A	MD CM 1
TUPLIN ISAAC L MACDONALD COLLEGE SUMMERSIDE R R 2 P E I	B SC AGR 3
TURCOTTE ALBERT DONAT J 3480 BERRI STREET MONTREAL QUE ST PIERRE LES BECQUETS NICOLET QUE	B C L 1 LA 4906
TURGEON JOSEPH L O Q 1609 SICARD ST MONTREAL 4 QUE	B ENG MC 4 CL 2784
TURK BARBARA JOAN ROYAL VICTORIA COLLEGE 391 ISLAND PARK DRIVE OTTAWA ONT	B A 3
TURNAU EDMUND A O 3494 HUTCHISON ST APT 4 MONTREAL QUE BAIE D URFE QUE	M SC 2 MA 2044
TURNBULL FRED JOHN 444 6TH AVE VERDUN QUE	B A 4 YO 1008
TURNBULL JAMES O 758 SHERBROOKE ST W MONTREAL QUE	B ENG MC 3 HA 4213
TURNER ALFRED THOMAS PETERSON RESIDENCE 25TH AVE LACHINE QUE WATROUS SASK	D D S 4
TURNER ALICE ELIZABETH 1005 EASTLAKE AVE SASKATOON SASKATCHEWAN	B 3 S 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TURNER BRENDA P ROYAL VICTORIA COLLEGE 4899 BELMONT AVE VANCOUVER B C	B A 2
TURNER HUBERT 5202 MUSSET AVE N D G MONTREAL QUE	B COM 4 WA 3747
TURNER ROBERT C 491 GILMOUR ST OTTAWA ONT	PH D 2
TURNER SIDNEY JOHN DAWSON COLLEGE 4556 HAMPTON AVE N D G MONTREAL 28 QUE	B ENG 1
TURPIN JOHN RICHARD 3434 MCTAVISH ST MONTREAL QUE	B COM 1 PL 4492
TUTTLE SHIRLEY DOLORES 555 SHERBROOKE ST W MONTREAL QUE 36 ADAMS ST SARATOGA SPRINGS N Y U S	B A 3
TWEEDIE FREDERICK JOHN 380 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	454 4973 4
TWISS JOEL JEROME 3506 UNIVERSITY ST MONTREAL QUE R R 2 CLOVERDALE B C	B COM 4 MA 1851
TYHURST JAMES STEWART 3436 PEEL ST MONTREAL QUE BOX 34 GABRIOLA ISLAND B C	MED DIPL 1 PL 9439
TYHURST LIBUSE 3436 PEEL ST MONTREAL QUE BOX 34 GABRIOLA ISLAND B C	MED D973 2 PL 9439
TYLER NORMAN FREDERICK PETERSON RESIDENCES 4917 CONNAUGHT AVE N D G MONTREAL QUE	B A 4
TYLER PETER JEFFREY 26 GOLF AVE POINTE CLAIRE 33 QUE	B ENG EL 4
TYLER ROBERT BRUCE 34 BROCK AVE NORTH MONTREAL WEST QUE	B ARCH 1 EL 5106
TYLER ROBERTA ELEANOR 32 BROCK AVE MONTREAL WEST QUE	B SC 3 EL 3689

U

UCHIDA HIROSHI DAWSON COLLEGE 3451 PRUD HOMME AVE N D G MONTREAL QUE	B ENG 1 EL 1246
UCHIDA KUNI 3451 PRUD HOMME AVE N D G MONTREAL QUE	B A 2 EL 1246
UFFNER MELVILLE W 230 34TH AVE LACHINE QUE 71 15 37TH AVE JACKSON HEIGHTS L I N Y	B SC 4
UFFORD GEORGE C 350 51ST AVE LACHINE QUE	B ENG CH 4
UNDERHILL HELEN MARY ROYAL VICTORIA COLLEGE 180 BROWNSBURG RD LACHUTE MILLS QUE	B A 1
UNDERWOOD ANNABEL J ROYAL VICTORIA COLLEGE 28 CLEMOW AVE OTTAWA ONT	B SC 1
UPTON W ROBIN 414 VICTORIA AVE WESTMOUNT QUE	B COM 1 EL 9804
URQUHART DONALD W DAWSON COLLEGE 511 OSBORNE AVE VERDUN QUE	B ENG 1
USHER ROBERT H 4437 KING EDWARD AVE N D G MONTREAL QUE	B SC 4 DE 5151
USHEROFF ZELDA JOAN 72 PAGNUELLO AVE OUTREMONT QUE	B A 1 CA 6064
UTLEY MICHAEL E MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	B ARCH 4
UTLEY PATRICK A 1250 EVERETT ST APT 7 MONTREAL QUE	B ENG MC 4

V

VADEBONCOEUR JOSEPH V P 71 CLANDEBOYE AVE WESTMOUNT QUE	B ENG MC 3 FI 5752
VAISEY EDGAR B 48 STE ANNE ST STE ANNE DE BELLEVUE QUE 3025 SHERBROOKE ST W MONTREAL QUE	B SC AGR 2
VAJK HUGO 109 IRVINE AVE WESTMOUNT QUE	B ENG MC 3 WE 6346
VALENTINE JOHN H 60 ST SULPICE RD WESTMOUNT QUE 9 NEWFIELD ST MASS U S A	M A 1
VALADE ANDRE 3990 JOSEPH ST VERDUN QUE	B COM 1 TR 5489
VALENTINE BARRY 3473 UNIVERSITY ST MTL 48 DODDINGHURST RD BRENTWOOD ESSEX ENGLAND	B D 2 MA 4902
VALENTINO FRANCISCO J MACDONALD COLLEGE PLAZA BULNES F 9 DEP 110 TANTIAGO CHILE	PARTIAL

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NAME ADDRESS	COURSE & YEAR TEL. NO.
VALERE ERIC A B 2076 UNION AVE MONTREAL QUE	B ENG CI 4 MA 7710
VALERE PHYLLIS P H L 2076 UNION AVE MONTREAL QUE 29 ARNOLD RD KINGSTON JAMAICA B W I	PARTIAL MA 7710
VALERIOTE RICHARD DAWSON COLLEGE 51 ALICE ST GUELPH ONT	B SC 2
VALERIUS ELIZABETH ANN 5180 MENTANA ST MONTREAL QUE 6366 WATERMAN AVE UNIVERSITY CITY MISSOURI	MD C 1 VI 5831
VALIN J E RAYMOND 103 DUFFERIN RD HAMPSTEAD MONTREAL QUE	B ENG EL 4 EL 1955
VALLEE EARLE CREIGHTON ILE BIGRAS QUE	B ENG EL 3
VALLEE FRANCIS GERARD PETERSON RES	B A 4
VALLERAND CLAUDE R 56 KELVIN AVE OUTREMONT QUE	U C L 1 AT 2481
VALLIERES NORMAN PETER 5469 DUPUIS AVE MONTREAL QUE	B COM 4 AT 5315
VALLIERES RAYMOND H R R 2 GRAND BERNIER ST JOHNS QUE	B ENG MC 3
VALLILLEE GERALD ANDREW PETERSON RESIDENCE 25TH AVE LACHINE QUE	B A 4
VALOIS GEORGE LOUIS 4655 COTE ST CATH RD MONTREAL QUE	B SC 3 AT 1576
VAN ALLEN TRAER DOUGLAS HALL 4761 W 7TH AVE VANCOUVER B C	A & S CO 1
VAN ATTA FRANK B DAWSON COLLEGE 36 DUMONT ST ROCHESTER 12 N Y U S A	B ENG 1
VAN BUREN JOHN MILLER 1227 GREENE AVE WESTMOUNT 6 QUE	M SC 1 WE 4036
VAN DER BELLEN LIANA J 1624 SEAFORTH AVE MONTREAL QUE	B A 2 FI 6677
VAN DER VEER JOHN R JR 2060 METCALFE ST MTL 1430 10TH AVE FORT DODGE IOWA U S A	MD CM 3 MA 0350
VANDERWALDE ELLEN M 680 ROSLYN AVE WESTMOUNT QUE	B A 2
VANDRICK SYDNEY J A 6947 BLOOMFIELD AVE MONTREAL QUE	MD C 3 CA 3496
VAN EYKEN DIRK DAWSON COLLEGE RUA CARLOS GOIS 28 LEBLON RIO DE JANEIRO LEBLON RIO DE JANEIRO	B SC 1
VAN EYKEN LJUBA 3015 PIQUET ROAD MONTREAL QUE RUA CARLOS GOIS 28 LEBLON RIO DE JANEIRO BRAZIL	B SC 4 FI 3820

NAME ADDRESS	COURSE & YEAR TEL. NO.
VAN HORNE BEVERLEY ANN 2090 SHERBROOKE ST W MONTREAL QUE	PARTIAL FI 3322
VAN PATTER JEAN MARY 612 BELMONT AVE WESTMOUNT QUE	B SC 3 WA 3359
VAN SLYCK GORDON A 19 BELOIL AVE OUTREMONT QUE 606 LEOLA ROAD TRANSCONA MAN	B ENG CH 3 AT 6904
VAN STOLK ALBERT G 3538 HUTCHISON ST MONTREAL QUE 76 E LOOP RD DONGAN HILL STATEN ISLAND N Y U S A	E ENG EL 4 MA 7827
VANSTONE DONALD J 2 ST JOSEPH ST DORVAL QUE	B SC AGR 4
VANSTONE WILLIAM E MACDONALD COLLEGE	B SC AGR 1
VAN STRATEN SYLVIA F 531 QUERBES AVE OUTREMONT QUE	PH D 4 DO 5970
VAN SCOYOC MARGARET E 205 BROCK AVE N MONTREAL WEST QUE	GR N CER 1 DE 7627
VANVILIET GEORGE ALAN 456 MOUNTAIN AVE MONTREAL QUE LACOLLE QUE	MD C 4 WI 3740
VAN VLIET KEITH E 212 PRINCE ALBERT WESTMOUNT QUE LACOLLE QUE	B ENG MC 3 DE 0931
VAN WAGNER MARY M 3549 NORTHCLIFFE AVE N D G MONTREAL QUE	PHYSIOTH 3 EL 5838
VAN WART ANNE CAROLYN 26 GRANVILLE ROAD HAMPSTEAD QUE	B A 2 EL 4237
VAN ZAIG EDWARD B DAWSON COLLEGE 6027 DUROCHER AVE OUTREMONT QUE	B SC 1 CR 2681
VARY JEAN MAAC BELOEIL VILLAGE QUE	B A 4
VASS DEBORAH 4709 THE BOULEVARD WESTMOUNT QUE	B A 1 WA 7325
VAUGHAN HERBERT G JR 254 ANCON AVE PELHAM N Y U S A	B SC 3
VAUGHAN MARY JEAN MACDONALD COLLEGE BOX 917 LENNOXVILLE QUE	TCH ELEM 1
VAZ EDMUND W 6720 SHERBROOKE ST W APT 6 MONTREAL WEST QUE	B A 3 DE 8824
VENDER MASSEY 1926 BARCLAY AVE MONTREAL QUE	B A 4 AT 9364
VEITCH DAVID 2266 GIROUARD AVE N D G MONTREAL QUE	B ENG CI 3 EL 5571
VEITH CATHERINE C 611 VICTORIA AVE WESTMOUNT QUE	B A 2 EL 1382
VELAY CLEMENT C 3475 RIDGEWOOD AVE MONTREAL QUE 1125 FIFTH AVE NEW YORK CITY N Y	B SC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
VERMETTE JEAN MICHEL DAWSON COLLEGE 15 CAMBRAI AVE OUTREMONT QUE	B ARCH 1 AT 8737
VENTERS JOHN M 3777 COTE DES NEIGES RD MONTREAL QUE	B ARCH 3 FI 2874
VERITY VALERIE ANN 210 39TH AVE LACHINE QUE	B SC 1
VERNON MAURICE ARTHUR MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	MD C 3
VERSCHINGEL ROGER H C 2009 MANSFIELD ST APT 52 MONTREAL 2 QUE	GRAD QUA 1 LA 3834
VESSOT ROBERT F C 845 KENILWORTH ROAD MONTREAL QUE	B A 3 AT 0643
VEZINA JOSEPH ANDRE 2395 ST JAMES ST W MONTREAL QUE	B ENG ME 3 WI 9350
VEZINA JOSEPH A NOEL 6626 15TH AVE ROSEMOUNT MONTREAL QUE	B ENG ME 4 GR 2005
VICKERY FRANK SAUNDERS 395 MELVILLE AVE WESTMOUNT QUE P O BOX 391 55 BRUNSWICK YARMOUTH N S	B COM 4 FI 8471
VICTOR GLORIA GERTRUDE 9 THORNHILL AVE WESTMOUNT QUE	B A 4 WE 2043
VIDRI RAMON 632 BELMONT AVE WESTMOUNT QUE SAN SALVADOR EL SALVADOR	B ENG MC 3
VIDRUK KASMER CHARLES 4016B VENDOME AVE N D G MONTREAL QUE 531 CHERRIER ST ST BONIFACE MAN	B SC P E 3
VIEN JEAN THOMAS 5733 NORTHMOUNT AVE MONTREAL QUE	B C L 3 AT 1424
VIEN RAYMOND GEORGES 17 AINSLIE AVE OUTREMONT QUE	B C L 1 CA 7874
VILLENEUVE JOSEPH 375 10TH AVE LACHINE QUE ALEXANDRIA ONT	D D S 4
VINCE DONALD M A R 690 SHERBROOKE ST W MONTREAL QUE R E FARM RIVER RD WOODSTOCK N B	PH D 4 LA 2244
VINCELLI JOHN 5652 SHERBROOKE W APT 11 MONTREAL QUE	D D S 3 WA 1233
VINCENT DONALD LESLIE 3528 LORNE AVE APT 6 MONTREAL QUE 206 MAIN ST SAINT JOHN N B	M SC 1 BE 4372
VINEBERG GORDON 5830 PARK AVE APT 4 MONTREAL QUE	B COM 1 CR 6066
VINEBERG LOUISE M 5830 PARK AVE APT 4 MONTREAL QUE	B S W 1 CR 6066
VINEBERG NATALIE MACDONALD COLLEGE 5252 ESPLANADE AVE APT 3 MONTREAL QUE	TCH INT 1
VINEBERG TRINA MACDONALD COLLEGE 603 BELMONT AVE WESTMOUNT QUE	B SC H E 2
VIPOND WILLIAM S F 14 PARKMAN PLACE WESTMOUNT QUE	MD C 1 DE 4040
VIRANY THOMAS ROBERT DAWSON COLLEGE BUDAPEST HUNGARY	B ENG 1
VITOU CONSTANTINE 5207 COOLBROOKE AVE MONTREAL QUE	MD CM 4 WA 7556
VLAHOS NICHOLAS 3697 NAMUR ST TOWN OF MOUNT ROYAL QUE	B A 3 AT 5724
VOCISANO ROBERT E 498 MOUNT PLEASANT AVE WESTMOUNT QUE	B ENG 1 FI 7775
VOISARD EVELYN S 754 HARTLAND AVE OUTREMONT QUE	B A 3 AT 4349
VOGAN ERIC LLOYD 456 PINE AVE W MONTREAL QUE 549 ST JAMES ST LONDON ONT	PH D 2 HA 9585
VOGEL LOUIS 5139 ST LAWRENCE BLVD MONTREAL QUE	B SC 3 CR 1889
VOKEY ROY WILLIAM 67 ALEPIN ST VILLE LA SALLE QUE	B ENG EL 3 TR 0384
VOLBERG WESTON FAY JR 3681 HUTCHISON ST APT 34 MONTREAL QUE 28 OAKVALE AVE BERKELEY 5 CALIF	6 MD C 1
VOS PATRICIA ROYAL VICTORIA COLLEGE 811 11TH ST S LETHBRIDGE ALTA	B A 1
VOSBURG FREDERIC 4266 OLD ORCHARD AVE N D G MONTREAL QUE	D D S 3 DE 8737
VOSKO SEYMOUR 4083 ESPLANADE AVE MONTREAL QUE	B ENG PH 3 MA 6984
VROOMAN BARBARA MARY MACDONALD COLLEGE 40 BOND STREET LINDSAY ONT	B SC H E 4

W

WADDELL JOHN CALVIN 3545 PARK AVE MONTREAL QUE 2820 ALBERT ST REGINA SASK	D D S 3 PL 3698
WADE ALISTAIR J 1033 4TH AVE VERDUN QUE	B ENG PH 3 YO 1467

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WADE MARY D H 3445 PEEL ST MONTREAL QUE ST ROMUALD LEVIS CO QUE	B ARCH 3 HA 9462
WADE MARY GERTRUDE 377 PRINCE ARTHUR ST W MONTREAL QUE 1591W 16TH AVE VANCOUVER B C	GR N CER 1 HA 5858
WADE SHIRLEY G E 6180 HUTCHISON ST OUTREMONT QUE	B A 4 CR 8898
WADEY BERNICE CLAIRE 1839 BAYLE ST MONTREAL QUE	B SC 1 WE 5119
WADMAN HAMILTON GRAY 1215 MCKAY ST MONTREAL QUE 917 W 16TH AVE VANCOUVER B C	MD CM 4 HA 8006
WAGNER JASON NICHOLAS T 481 PRINCE ARTHUR W MTL BOX 254 BRUSHTON NEW YORK U S A	B SC 2 LA 9489
WAGNER KENNETH F 3485 MCTAVISH ST MONTREAL QUE 123 CECILIA ST PEMBROKE ONTARIO	B SC P E 2
WAGNER SYDNEY 1827 LINCOLN AVE MONTREAL QUE 3971 CLARK ST MONTREAL QUE	PH D 4 FI 5154
WAITE JOAN CRAIG 3480 ONTARIO AVENUE MONTREAL QUE 212 KING STREET E OSHAWA ONTARIO	B L S 1
WAKE FRANK ROBERT 2240 SHERBROOKE EST E MONTREAL QUE	PH D 3 FA 2834
WAKE NOREEN A 840 DUNLOP AVE OUTREMONT QUE	MUS QUAL 1 AT 2596
WAKSBERG HELENE 8223 QUERBES AVE MONTREAL QUE	B A 3 VI 3748
WALCOTT JOHN MICHAEL L 3777 COTE DES NEIGES RD MONTREAL QUE LODGE SCHOOL ST JOHN BARBADOS B W	MD CM 4 FI 1830
WALDRON ROLAND EDWARD 56 JENNESS ST LYNN MASS U S A	B A 4
WALE JOHN WALLACE 6052 SHERBROOKE ST W N D G MONTREAL QUE	B ENG MC 4 DE 6490
WALES BARBARA CATHERINE 51 BELVEDERE CIRCLE WESTMOUNT QUE	B A 3 FI 6934
WALES ROBERT L 5697 12TH AVE ROSEM T 615 STE MARIE ST ST HYACINTHE QUE	B A 3 HO 1858
WALKER ANDREW G MACDONALD COLLEGE 536 BIRCH AVE ST LAMBERT QUE	B SC AGR 1
WALKER DONALD A WILSON HALL QUE BOX 526 FLIN FLON MAN	B ENG MI 3
WALKER DOUGLAS MALCOLM DAWSON COLLEGE 45 STRATHYRE AVE VILLE LASALLE QUE	B ENG AM 1
WALKER ELIZABETH BLYTH 3450 DUROCHER STREET GENERAL DELIVERY SYLVAN LAKE ALBERTA	B L S 1 MA 6456
WALKER GEORGE G 3485 MCTAVISH ST MONTREAL QUE 89 PROSPECT AVE KENTVILLE N S	B ARCH 5 BE 0424
WALKER GEORGE W R PETERSON RESIDENCE	PH D 2
WALKER G JUNE 3940 COTE DES NEIGES RD MONTREAL QUE	B A 3 WE 2484
WALKER JAMES A MACDONALD COLLEGE 536 BIRCH AVE ST LAMBERT QUE	B SC AGR 3
WALKER JOAN ELINOR 4510 GIROUARD AVE APT 9 N D G MONTREAL QUE	B A 3 EL 0691
WALKER MARIE JOAN 130 HILLCREST AVE MONTREAL WEST QUE	B A 1 WA 1278
WALKER NOEL STEPHEN 4058 STATE ST SAGINAW MICH	B ENG CI 4
WALKER OSMAN JAMES 2006 ST LOUIS RD APT 6 QUEBEC CITY QUE	PH D 4
WALKER WILLIAM ALLAN PETERSON RESIDENCES 190 SAMMON AVE TORONTO ONTARIO	MD CM 2
WALKER WILLIAM E JR 932 CALUMET PLACE MONTREAL QUE 1822 MONTROSE ST PHILADELPHIA PA U S A	B SC 3 WE 0760
WALLACE BARBARA M 3567 VENDOME AVE MONTREAL QUE	M S W 3 DE 2467
WALLACE CHESLEY P MACDONALD COLLEGE HEMMINGFORD QUE	B SC AGR 3
WALLACE DONALD GEORGE 4134 OXFORD AVE MONTREAL QUE	B COM 3 DE 4227
WALLACE ELEANOR P 220 WOLSELEY AVE MONTREAL WEST QUE	B A 3 DE 0147
WALLACE RALPH G 2021 NORTHCLIFFE APT 4 45 NEUME DR PONTIAC MICHIGAN	D D S 3
WALLACE SHIRLEY J MACDONALD COLLEGE HEMMINGFORD QUE	TCH ELEM 1
WALLER JOHN DELANCEY C 1005 SHERBROOKE ST W MONTREAL QUE 551 ST GEORGE ST LONDON ONT	B ENG MC 4 PL 4056
WALLERSTEIN HARVEY 4829 FULTON AVE MONTREAL QUE	M SC 1 AT 9285
WALLING JOHN JOSEPH 6626 15TH AVENUE ROSEMOUNT MONTREAL QUE 88 LOCKWELL ST QUEBEC CITY QUE	B COM 2 GR 2005

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WALLIS HUGH P M 671 GROSVENOR AVE WESTMOUNT QUE	B COM 4 DE 9519
WALLS LORNE HENRY 1321 SHERBROOKE ST W MONTREAL QUE	B COM 2 LA 8940
WALMSLEY NORMA E 3465 RIDGEWOOD AVE MTL ELM CREEK MANITOBA	B COM 4 BE 0360
WALSH DAVID R PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MC 4
WALSH ELIN MARIA 1114 ELGIN TERRACE MONTREAL QUE	B A 1 PL 3534
WALSH FREDERICK N 6870 IBERVILLE ST MONTREAL QUE	B ENG CI 4
WALSH JAMES ARTHUR 22 BALLANTYNE AVE S VERDUN QUE	B ENG ME 3 DE 2478
WALSH JOHN HERITAGE 5095 HAMPTON AVE MONTREAL 29 QUE	B ENG ME 4 EL 6328
WALSH KENNETH A MACDONALD COLLEGE HEMMINGFORD QUE	B SC AGR 3
WALSH MICHAEL HUGH 419 PRINCE ARTHUR ST W MONTREAL QUE 7 VICTORIA AVE BROCKVILLE ONT	B ENG CI 4 HA 1088
WALSH PETER DESMOND 942 ST CLARE RD TOWN OF MOUNT ROYAL QUE	B A 2 AT 3793
WALSH YVETTE M L ROYAL VICTORIA COLLEGE STE AGATHE DES MONTS QUE	B A 1
WALTER DONALD PAUL 607 VICTORIA AVE WESTMOUNT QUE	B COM 3 EL 2081
WALTER EDWARD PERCY 3851 UNIVERSITY ST MTL 377 LAWRENCE ST W ST JOHN N B	MD CM 4
WALTERS FRED YOUNG DAWSON COLLEGE 70 BEATTY AVE TORONTO ONT	B ENG MC 2
WALTERS WILLIAM C DIOCESAN COLLEGE 223 PENNYWELL RD ST JOHNS NEWFOUNDLAND	MD CM 1
WALTON JOHN SHEPPARD DAWSON COLLEGE 11 AVE DREAN CHICOUTIMI QUE	B ENG 1
WANKLYN DAVID I 148 A ST JOSEPH ST DORVAL QUE	M SC 1
WANTOLA WALTER K 321 CONTRECOEUR ST MONTREAL QUE	M ENG 1 TU 1383
WARBURTON PHILIP DAWSON COLLEGE QUE 180 ANTRIM ST PETERBOROUGH ONT	B ENG MC 2
WARD JULIAN HARRY B WILSON HALL DURANTS PLTN CH CH BARBADOS B W I	B SC 3
WARD KENNETH JOHN 214 GLENCOE AVE MONTREAL WEST QUE	B A 2 DE 9659
WARD RICHARD VANCE M 54 SUMMIT CIRCLE WESTMOUNT QUE	B SC 3 FI 2884
WARD SYDNEY HAROLD 3429 BEACONSFIELD AVE MONTREAL QUE	B COM 4 DE 2352
WARD WALTER L BOX 329 STE ANNE DE BELLEVUE QUE 20653 LAKE SHORE RD BAIE D URFE	B SC AGR 3
WARE ELINOR PATSY 15 HEATH ROAD HAMPSTEAD QUE	B SC P E 1 EL 1225
WARNER EDSON LYMAN WILSON HALL 294 MAIN ST LENNOXVILLE QUE	B COM 3
WARREN BARBARA B 3458 JEANNE MANCE ST MONTREAL QUE R F D 1 MONSON MASS	B A 3 BE 0866
WARREN EILEEN MARGUERIT 280 34TH AVENUE LACHINE QUE	B SC 2
WARREN JOHN R 7 BELFRAGE RD WESTMOUNT QUE	B ENG CI 4 EL 8474
WARREN RICHARD W 4100 COTE DES NEIGES RD MONTREAL QUE	M A 1 FI 4968
WARRY ROBERT SCOTT DAWSON COLLEGE QUE 5255 COTE ST LUC RD APT N D G MONTREAL QUE	B ENG 1 WA 4531
WARSHAW LEONARD D DAWSON COLLEGE QUE 2698 SOISSONS AVE MONTREAL QUE	B ARCH 1 AT 2307
WASSERMAN GERTRUDE 4962 EARNSCLIFFE AVE MONTREAL QUE	B C L 3 WA 9209
WASSERMAN SUREKA CARYL 3009 MAPLEWOOD AVE APT 5 MONTREAL QUE	B SC 2 AT 2966
WATERHOUSE JOHN 477 PRINCE ARTHUR ST W MONTREAL QUE 19 SOUTH ROAD SMETHWICK 41 STAFFS U K	B A 2 BE 0024
WATERLOW IAN PETERSON RESIDENCE LACHINE QUE	B ENG ME 3
WATERMAN CLAIRE 795 DAVAAR AVE OUTREMONT QUE	B A 3 DO 8122
WATERS STANLEY D 84 3RD AVE VERDUN QUE	L MUS 3 YO 4902
WATERS WILLIAM REID IAN COLLEGE 3318 COLLEGE AVE REGINA SASK	B SC 2 BE 0424 5
WATERSTON DOUGLAS L 435 METCALFE AVE WESTMOUNT QUE	M A 1 WE 4565
WATKINS NOEL STANLEY DAWSON COLLEGE 24 CHARLES ST P O 5 TRINIDAD B W I	B SC 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WATSON BARBARA RUTH 4905 LASALLE BLVD VERDUN QUE	B A 4 YO 6754
WATSON CHARLES R G DAWSON COLLEGE QUE NO 6 GARRISON ST MICHAEL BARBADOS B W I	B ENG MC 2
WATSON CYRIL C 3473 UNIVERSITY ST 1680 ATHLONE RD TOWN OF MOUNT ROYAL QUE	PARTIAL
WATSON DONALD EDGAR 1210 PINE AVE W MONTREAL QUE 7R 5TH ST NEW TORONTO ONT	B COM 4 HA 0098
WATSON DONALD S MACDONALD COLLEGE 4R3 PINE AVE ST LAMBERT QUE	B SC AGR 4
WATSON DOUGLAS IAN DOUGLAS HALL QUE CARCROSS YUKON	B ENG 3
WATSON GORDON A B 1545 MCGREGOR ST MONTREAL QUE 38 CARLING AVE OTTAWA ONT	M A 1 WI 4611
WATSON HELEN A G MACDONALD COLLEGE 2546 ORCHARD AVE VICTORIA B C	B SC H E 1
WATSON JACK M 515 44 AVE LACHINE QUE	B ENG CH 4
WATSON JOHN R 7187 BOYER ST MONTREAL QUE	B D 2 TA 2642
WATSON LEILA D MACDONALD COLLEGE WELCHES ST MICHAEL BARBADOS B W I	B SC H E 1
WATSON PATRICIA JOAN 57 PALMERSTON AVE MT ROYAL QUE	B A 2 EX 5319
WATSON ROY PETERSON RESIDENCE 25TH AVE LACHINE QUE	B ENG MC 4
WATSON STANLEY HOWARD DAWSON COLLEGE GARRISON ST MICHAEL BARBADOS B W I	B SC 2
WATSON THOMAS A 2189 ST CATHERINE ST W MONTREAL QUE	B ENG EL 3 WE 6069
WATSON WILLIAM EDWARD WILSON MEMORIAL HALL WELCHES ST MICHAEL BARBADOS B W I	B COM 2
WATT ARTHUR WILLIAM DAWSON COLLEGE 20 HIGHLAND GDNS WELLAND ONT	B SC 2
WATT BETTY RUTH 63 MONTEE STE MARIE ST. STE ANNE DE BELLEVUE QUE	B A 3
WATT DONALD EARDLEY 555 CURZON AVE ST LAMBERT QUE	B A 1
WATT JOAN M 2168 SHERBROOKE ST W APT 7 MONTREAL QUE	B A 3 FI 6009
WATT MARGARET D MACDONALD COLLEGE 3R4 ISLAND PK DRIVE OTTAWA ONT	B SC H E 1
WATT SHIRLEY M C MACDONALD COLLEGE WINDSOR MILLS QUE	B SC H E 4
WATZKA EVA LOUISE A 430 COTE DE LIESSE ROAD TOWN OF MOUNT ROYAL QUE	B A 2 AT 3818
WAUGH DOUGLAS O W 554 PRINCE ARTHUR W MONTREAL QUE	PH D 3 HA 9309
WAUGH THEODORE ROGERS 515 PINE AVE W MONTREAL QUE	MD CM 1 MA 4045
WAYMANN PAUL R R PRESBYTERIAN COLLEGE 138 MAIN ST BUCKINGHAM QUE	B SC 4 BE 0424
WAYNE DAVID LOUIS 4095 HENRI JULIEN ST MONTREAL QUE 6R5 WYANDOTTE ST E WINDSOR ONT	MD CM 1 BE 3649
WEATHERBEE NORMA A MACDONALD COLLEGE 723 GODIN AVE VERDUN QUE	TCH INT 1
WEAVER NANCY BURR ROYAL VICTORIA COLLEGE 900 RIVERSIDE AVE SCOTIA NEW YORK U S A	B A 3
WEBB JAMES LAWRENCE 350R DUROCHER ST MONTREAL QUE 5R LARCH ST HALIFAX N S	PH D 4 MA 4352
WEBB PAUL ALBERT DAWSON COLLEGE QUE HUDSON QUE	B ENG 1
WEBB PAUL PERRY 334 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 3468
WEBB WALTER EDWARD 5910 NOTRE DAME ST E MONTREAL 5 QUE	B ENG CI 4 CL 6553
WEBBER ELCA MACDONALD COLLEGE 4867 GROSVENOR AVE MONTREAL QUE	TCH ELEM 1
WEBBER STUART COMPTON 3310 TROIE AVE MTL 4464 14TH AVE W VANCOUVER B C	MD CM 4 EX 3216
WEBER FAYE 85 ST JOSEPH BLVD W MONTREAL QUE	L MUS 2 DO 8614
WEBSTER LORNE C 52 GORDON CRESCENT MONTREAL QUE	B ENG MC 4 DE 4841
WECHSLER MORRIS HERSHEL 244 QUERBES AVE MONTREAL QUE	B SC 2 TA 6992
WEEKS SAMUEL C MACDONALD COLLEGE P O BOX 697 UNION ST SACKVILLE N B	B SC AGR 3
WEIGENSBERG BERNARD I 5297 ESPLANADE AVE MONTREAL 14 QUE	PARTIAL DO 8761

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WEIN HOWARD PHILIP DAWSON COLLEGE 5256 JEANNE MANCE ST MONTREAL QUE	B SC 2 CA 3879
WEIN LEON DAWSON COLLEGE 989 PRATT AVE OUTREMONT QUE	B SC 1
WEINER MIRIAM 5575 ESPLANADE AVE MONTREAL QUE	M S W 2 CR 1746
WEINER MORRIS MORY 4468 COLONIAL AVE MONTREAL QUE	B A 4 HA 4944
WEINHOUSE MELVIN 3557 DUROCHER ST MTL 1064 MANOR AVENUE BRONX 59 N Y U S A	B SC 2 HA 7512
WEININGER OTTO 4054 NORTHCLIFFE AVE N D G MONTREAL QUE	B A 4 DE 6104
WEINRAUCH LEILA MACDONALD COLLEGE 4905 MELROSE AVE N D G MONTREAL QUE	TCH ELEM 1
WEINSTEIN RHEA DIANNE 4815 HAMPTON AVE N D G MONTREAL QUE	PHYSIOTH 2 DE 5625
WEINSTEIN SHIRLEY 5412 ESPLANADE AVE MONTREAL QUE	B A 3 CR 5221
WEINTHAL ARTHUR M 2376 MELROSE AVE MONTREAL QUE	B A 2 WA 5948
WEINTRAUB CLARICE 3490 PARK AVE MONTREAL QUE	B A 2 HA 3344
WEINTRUB ISADORE WAYNE 5240 ESPLANADE AVE MONTREAL 14 QUE	MD CM 2 DO 3445
WEIR MILDRED FRANCES BOX 427 AURORA ONT	GR N CER 1
WEISS JOSE DAWSON COLLEGE QUE NEPTUNO 311 HABANA CUBA	B ENG 1
WEISS MICHAEL 4844 ST URBAIN ST MONTREAL QUE	B SC 3 VI 1361
WEISS WILLIAM L 26 LAMARCHE ST GARDENVALE QUE	B COM 4
WEISS ZOLTAN EDWARD 4844 ST URBAIN ST MONTREAL QUE	B ENG PH 5
WEISSLER SYLVIA 430 METCALFE AVE WESTMOUNT QUE	M S W 2 DE 6363
WELDEN JOYCE H D MACDONALD COLLEGE LACHUTE QUE	B SC AGR 2
WELDON JOHN C 6937 DUROCHER AVE MONTREAL QUE	PH D 3 CA 9437
WELDON JOHN D 908 RIVIERA AVE TOWN OF PLAGE LAVAL QUE	B A 4
WELDON MARIANNE TUPPER ROYAL VICTORIA COLLEGE 205 RITCHIE AVE TRAIL B C	B A 3
WELDON WILLIAM H 3485 MCTAVISH ST MONTREAL QUE 205 RITCHIE AVE TRAIL B C	B ENG CH 4 BE 0424
WELLINGTON DONALD C DAWSON COLLEGE 1 RADIN ROAD ARVIDA QUE	B ENG 1
WELLS ALFRED A 3907 CLAUDE ST VERDUN QUE	B ENG EL 3 HE 3607
WELLS ARTHUR F MACDONALD COLLEGE ALBERTON P E I	B SC AGR 4
WELLS DOREEN E ROYAL VICTORIA COLLEGE 87 FENTIMAN AVE OTTAWA ONT	B SC 4
WELLS GARNET R CARDINAL ONT	B ENG EL 3
WELLS MARTHA C ROYAL VICTORIA COLLEGE 8 HARVARD PLACE ANN ARBOR MICH U S A	B A 4
WELLS MAVIS L MACDONALD COLLEGE 87 FENTIMAN AVE OTTAWA ONT	B SC H E 2
WELSFORD VIRGINIA GRAY 32 RAMEZAY RD WESTMOUNT QUE	B A 4 FI 5561
WELSMAN R ELEANOR 152 VIVIAN AVE MONTREAL 16 QUE	B SC 1 AT 1712
WELTER RENE EUGENE DAWSON COLLEGE 4832 WESTERN AVE WESTMOUNT QUE	B SC 2
WEMP ROSS ALLISON 241 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B COM 2 AT 0885
WELTON PATRICIA ANN 4807 WESTMORE AVE MONTREAL SPRINGHILL NOVA SCOTIA	PHYSIOTH 1 WA 8472
WENER HARRIETT B MACDONALD COLLEGE 9 RENFREW AVE WESTMOUNT QUE	HOMEMAKE 1
WENER JOSEPH MOUNT SINAI HOSPITAL N Y 4740 RIDGEVALE APT 1 MONTREAL QUE	MD CM 4
WENSLEY ROLAND J 905 WILDER AVE OUTREMONT QUE	B A 4 CR 5384
WERNER ROBERT PETER 2287 OLD ORCHARD AVE APT N D G MONTREAL QUE	B SC 4 WA 2122
WEST COLIN L 2280 MELROSE AVE MONTREAL 28 QUE	B D 2 EL 9796
WEST SHIRLEY IRENE ROYAL VICTORIA COLLEGE 11 FINDLAY AVE OTTAWA ONT	B A 4
WESTCOTT JAMES WILLIAM 484 STRATHCONA AVE WESTMOUNT QUE 422 AVE J NORTH SASKATOON SASK	M A 1 EL 4324

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WESTELMAN MAX 5361 PARK AVE MONTREAL QUE	B ENG PH 4 DO 5200
WESTMAN GILBERT B 3485 MCTAVISH ST MONTREAL QUE 138 AIRDRIE RD LEASIDE ONT	B SC 4 BE 0424
WESTON GEORGE WOODBURN 1280 DECARIE BLVD ST LAMBERT QUE	B COM 3
WEVRICK LEONARD DAWSON COLLEGE 205 MOUNT ROYAL AVE W MONTREAL QUE	B SC 1 HA 1647
WEXLER EDITH 5475 VICTORIA AVE APT 4 MONTREAL QUE	B A 1 EX 6121
WEXLER JACK DAWSON COLLEGE CRESCENT STREET MONTREAL QUE	B ENG MC 2
WEXLER JOE 3915 ST URBAIN ST MONTREAL QUE	B A 1 LA 6443
WEYMAN STANLEY JOHN DOUGLAS HALL PENDERELL PLACE HAMPTON N B	MD CM 3
WHALLEY BASIL JOHN P 3609 UNIVERSITY ST MONTREAL QUE BEDFORD N S	PH D 4 LA 6307
WHALLON WILLIAM WHEELER 3574 JEANNE MANCE ST MONTREAL QUE RICHMOND INDIANA U S A	B A 4 LA 9695
WHEATLEY JON JAMES DOUGLAS HALL LES MARAIS FARM ST MARY JERSEY C 1 USA	B SC 2
WHEELER ALDEN DODGE 3506 UNIVERSITY ST MTL 26 HORSEY STREET BOWMANVILLE ONT	B SC P E 4
WHEELER JOSEPH G 3507 UNIVERSITY ST MONTREAL QUE ST ANDREWS WEST ONTARIO	B ENG CH 3
WHEELWRIGHT JOHN B DAWSON COLLEGE 760 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ENG CI 2 EL 32
WHELAN GEORGE EDMUND A 11543 NOTRE DAME ST E POINTE AUX TREMBLES QUE	B C L 1
WHELEN WARREN S 629 PRINCE ARTHUR ST W MONTREAL QUE 132 LAWRENCE CRES TORONTO ONTARIO	MD CM 1 MA 0739
WHENT DONALD WILLIAM 775 RIVERVIEW AVE VERDUN QUE	B ENG EL 3 TR 1590
WHITE ARTHUR W MACDONALD COLLEGE R R 1 BRIDGETOWN N S	B SC AGR 4
WHITE DOROTHY HELEN 1617 LINCOLN AVE APT 2 MONTREAL QUE PORT WALLS PO WAVERLY RD DARTMOUTH N S	GR N CER 1 YO 8043
WHITE DOUGLAS MACTIER 1628 SEAFORTH AVE MONTREAL 25 QUE	B COM 2 WI 4661
WHITE EARLE AIKEN 495 PRINCE ARTHUR ST W APT H MONTREAL QUE MANSONVILLE QUE	D D S 4 LA 8357
WHITE EUSTACE J 2224 SCOTT ST DETROIT 7 MICH U S A	B SC 4
WHITE FRANK 2541 WILLOWDALE AVE MONTREAL QUE	B COM 1 AT 2793
WHITE F WALLIS 3605 UNIVERSITY ST MONTREAL QUE 301 STEWART ST OTTAWA ONT	B ENG EL 4 LA 0643
WHITE H EDWARD 3508 UNIVERSITY ST MONTREAL QUE MANSONVILLE QUE	B D 3 BE 0752
WHITE JAMES D GOSHEN ALBERT COUNTY N B	B SC AGR 3
WHITE LAWRENCE C 419 ST JOSEPH BLVD MTL STAVEBANK ROAD PORT CREDIT ONT	B ENG MC 3
WHITE LEE JACKSON 4905 DECARIE BLVD APT 4 N D G MONTREAL QUE	D D S 3 WA 5149
WHITE LILLIAN M E ROYAL VICTORIA COLLEGE SOUTHAMPTON EAST BERMUDA	B A 2
WHITE MOLLY MACDONALD COLLEGE HUDSON QUE	B SC H E 3
WHITE ORVILLE E 4267 OLD ORCHARD AVE MONTREAL QUE	M A 1 WA 1299
WHITE PATRICK ARTHUR 2954 HILL PARK CIRCLE MONTREAL 25 QUE	B COM 1 FI 0711
WHITE PAUL S DAWSON COLLEGE QUE 50 FINCHLEY RD HAMPSTEAD QUE	B ENG MC 1
WHITE ROSE 5114 PATRICIA AVE MONTREAL QUE	B SC 2 DE 6355
WHITEHEAD E ASHWORTH 3484 PEEL ST MONTREAL QUE	B COM 1 MA 5533
WHITEHEAD HOWARD A 3485 MCTAVISH ST MONTREAL QUE BREEZY BRAE PORT CREDIT ONT	M SC 1 BE 0424
WHITELAW MARY ELLEN J 15 LAKE AVENUE STRATHMORE QUE	B SC 1
WHITELAW ROBIN D DAWSON COLLEGE 15 LAKE AVE STRATHMORE QUE	B ARCH 1
WHITFIELD JAMES F DOUGLAS HALL 168 CHRISTINA ST S SARNIA ONT	B SC 3
WHITLOCK CHARLES CECIL 4270 E HASTINGS VANCOUVER B C	B L S 1
WHITMAN CLYDE SIDNEY 3534 MARLOWE AVE MONTREAL QUE	B SC P E 3 DE 9656

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WHITMAN LOTHROP A 93 HAMILTON AVE CHATEAUGUAY HTS QUE	B ENG EL 4
WHITNEY CHARLES FLAGG JR ROYAL VICTORIA HOSP MTL 19 KINGSLAND TERRACE BURLINGTON VERMONT U S A	MED DIPL 3
WHITTAKER GEORGE A DAWSON COLLEGE KIRKRISE FOULRIDGE LANCS ENGLAND	B ENG MC 2
WHITTALL F S BOYD 516 ROSLYN AVE WESTMOUNT QUE	B SC 4 DE 3254
WHITTALL NORMAN S PETERSON RESIDENCE	M SC 1
WHITTICK HERBERT S 951 DAVAAR AVE OUTREMONT QUE	B ENG EL 3 CR 7735
WHITTIER ANGUS CHARLES 3280 BARCLAY AVE MONTREAL QUE	PH D 2 AT 2849
WHYTE ROBERT DEWAR 622 ARGYLE AVE VERDUN QUE	B COM 3 TR 6186
WICKENDEN MARTHA L ROYAL VICTORIA COLLEGE 363 ST FRANCOIS XAVIER S THREE RIVERS QUE	B SC 3
WICKHAM ARTHUR TURCOTTE 4484 SHERBROOKE ST W WESTMOUNT QUE	B C L 1 FI 5167
WICKHAM AURELIE F 176 THIRD ST ST LAMBERT QUE	B A 4
WICKHAM FRANK F 4484 SHERBROOKE ST W WESTMOUNT QUE	B A 1 FI 5167
WIEBE ALLAN K 2288 SOUVENIR AVE MONTREAL WEST QUE	PH D 1 WI 6778
WIEGAND PAMELA LEE ROYAL VICTORIA COLLEGE BALLWOOD RD OLD GREENWICH CONN U S A	B A 4
WIENER GOLDIE 350 DE L EPEE AVE OUTREMONT QUE	B A 3 CR 5542
WIESMAN BRAHM 2504 STE CATHERINE RD MONTREAL QUE	M ARCH 2 AT 6712
WIESTNER ELEANOR L 3815 ST URBAIN ST MONTREAL QUE	B A 1 BE 4888
WIGDOR BLOSSOM T 5580 GATINEAU AVE MONTREAL QUE	PH D 2 EX 5732
WIGDOR SAMUEL 1619 VAN HORNE AVE OUTREMONT QUE	B SC 4 CA 6267
WIGGERS AIMEE H 3508 DUROCHER ST MTL 18 TERRACE AVE HASTINGS ON HUDSON N Y	MD CM 4 MA 4352
WIGGINS WILLIAM H 618 VICTORIA AVE WESTMOUNT QUE R R 1 RESEARCH RD 2 OTTAWA ONT	B F A 1 DE 1329
WIGHT MARIAN MACDONALD COLLEGE 116 BELMONT AVE OTTAWA ONT	B SC H E 4
WIGMORE ROBERT HAZEN WESTBORO R R 1 ONT	M SC 2
WIGMORE WILLIAM FRED QUEEN MARY S VET S HOSP MONTREAL QUE 354 RAY BLVD PORT ARTHUR ONT	B ENG EL 3 EX 0183
WIGHT NORMA N 3249 CEDAR AVE WESTMOUNT QUE	B. A 1 WE 1589
WILCOCK JOHN 204 MACAULAY AVE ST LAMBERT QUE	B ENG MC 3
WILCOX ALEXANDER E 1160 ST MARK ST MTL 280 ARLINGTON AVE OTTAWA ONT	B ENG EL 4
WILDE VALERIE 5560 VICTORIA AVE APT 12 N D G MONTREAL QUE	B F A 1 AT 4530
WILDER FRANCIS JOHN C DAWSON COLLEGE ST JOHNS QUE 184 GERRY ROAD CHESTNUT HILL 67 MASS	B ENG 1
WILEY CHARLES JAMES 249 MELVILLE AVE WESTMOUNT QUE BOX A BETHEL MAINE U S A	PH D 2 FI 3355
WILKIE GEORGE HAMILTON 574 COTE ST ANTOINE RD WESTMOUNT QUE	B SC 1 EL 3554
WILKINSON GORDON WILSON MTL GENERAL HOSPITAL ABERDEEN SASK	MED DIPL 3
WILKINSON LAWRENCE P MACDONALD COLLEGE 5221 SARANAC AVE N D G MONTREAL QUE	B SC AGR 4
WILLCOCK JOHN MAURICE 3500 BELMORE AVE MONTREAL 28 QUE	B ENG EL 4 DE 1401
WILLERMET DAVID A 4201 DE BULLION ST MONTREAL QUE R D 1 GLASSBORO N J U S A	B SC 3
WILLIAMS ALAN BURRAGE 4335 COOLBROOKE AVE N D G MONTREAL QUE	M SCH DI 5 DE 4807
WILLIAMS ANDREW A 545 MERCILLE AVE ST LAMBERT QUE	B ARCH 3
WILLIAMS ARTHUR LYMAN M 3282 CEDAR AVE MONTREAL QUE	B A 3 FI 7765
WILLIAMS DAVID G M MACDONALD COLLEGE BECKENHAM KENT ENGLAND	B SC AGR 2
WILLIAMS DONALD ALBERT 434 MERCILLE AVE ST LAMBERT QUE	B COM 2
WILLIAMS EWART 6455 ST CATHERINE RD OUTREMONT QUE	B C L 2 AT 0467
WILLIAMS GEORGE SIDNEY 518 CHAMPAGNEUR AVE OUTREMONT QUE	B ENG MC 2 CA 6542
WILLIAMS JANE B F R R NO 1 MOONSTONE ONT	B SC AGR 4

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WILLIAMS JEFFREY RUSSEL 23 WINDSOR AVE WESTMOUNT QUE	B A 1 EL 8185
WILLIAMS JOHN NOEL 3441 CITY HALL AVE MONTREAL QUE 9 PROSPECT AVE LONDON ONT	M A 1
WILLIAMS LYNN HARVEY 4035 MAPLEWOOD AVE APT 2 MONTREAL QUE	B SC 4
WILLIAMS PETER M 570 MILTON ST APT 24 MONTREAL QUE	B COM 1 MA 7419
WILLIAMS ROBERT ALTEN DAWSON COLLEGE 3 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG 1
WILLIAMS ROGER HOWARD 1548 BISHOP ST MTL 17 PARK AVENUE NEW YORK CITY N Y	MD C 3 PL 7417
WILLIAMS ROGER IDWAL 3630 DUROCHER ST APT 33 MONTREAL QUE 1656 ELM ST UTICA N Y	MD C 3
WILLIAMS WILSON CHARLES DAWSON COLLEGE FROME P O JAMAICA B W I	B SC 2
WILLIAMSON BARBARA R ROYAL VICTORIA COLLEGE BRAEROB FARM STE ANNE DE BELLEVUE QUE	B A 4
WILLIAMSON DONALD B 6240 DE LA ROCHE MONTREAL QUE	B ENG EL 4 CR 3652
WILLIAMSON FRANCIS JAME 4652 SHERBROOKE ST W APT 10 WESTMOUNT QUE 149 CONSTANT SPRING RD CONSTANT SPRING P O JAMA	B COM 2 WA 7061
WILLIAMSON LESLIE S 522 GONTHIER AVE LONGUE POINTE QUE	B COM 3
WILLIS NICHOLAS J E 2071 GREY AVE N D G MONTREAL QUE	B ENG CI 4 DE 6060
WILLS IAN 188 ARLINGTON AVE TORONTO ONT	B ENG MC 4
WILMOT FREDERIC G FIELD HOUSE 1810 18 ST W CALGARY ALBERTA	B COM 1
WILMOT JOHN R MACDONALD COLLEGE LOWER COVERDALE MONCTON N B	B SC AGR 2
WILMOT VALERIE C 5108 SHERBROOKE ST W MONTREAL QUE 303 FIRST AVE OTTAWA ONT	M SC 1 DE 9930
WILSON ARNOLD WILLIAM 5210 ST HUBERT ST APT 3 MONTREAL QUE	B SC 3 CR 5895
WILSON DONALD HANSON 3478 MCTAVISH ST MONTREAL QUE	M A 2 PL 7412
WILSON DOROTHY L 1280 PINE AVE W MONTREAL QUE 24 CUNNINGTON AVE ST VIT WINNIPEG MAN	PARTIAL BE 7904
WILSON DOROTHY M MACDONALD COLLEGE 316 NORTHVIEW AVE MONTREAL WEST QUE	B SC H E 2
WILSON DOUGLAS RIGBY 1727 LECLAIR AVE VERDUN QUE	B ENG AM 3
WILSON EDWARD W 2174 SHERBROOKE ST W APT E9 MONTREAL QUE	B COM 2 FI 6621
WILSON ELWOOD LAIRD PETERSON RESIDENCE 25TH AVE LACHINE QUE	M S W 1
WILSON ERIC DAUL 316 NORTHVIEW AVE MONTREAL W QUE	B COM 2 WA 4787
WILSON GEORGE S 34 CHAMPOUX LABORD A PLOUFFE QUE	B ENG EL 4
WILSON HAROLD VALERIE 234 HARBORD ST TORONTO ONTARIO	B SC P E 3
WILSON HAROLYN MARGARET MCLENNAN HALL 35 PRINCESS ST MONCTON N B	H SCH DI 5 PL 0044
WILSON HUGH MURRAY 4390 MAYFAIR AVE MONTREAL 28 QUE	B COM 2 DE 9557
WILSON JOHN SHELDON APT 1 1181 HOPE AVE MONTREAL QUE 925 AUSTIN RD NEW WESTMINSTER B C	MD C 4 WE 2462
WILSON JUDITH L MACDONALD COLLEGE HADDON HALL APARTMENTS SHERBROOKE ST WESTMOUNT QUE	HOMEMAKE 1
WILSON JUNE MARILYN 41 WINDSOR AVE WESTMOUNT QUE	2 3 S 1 DE 0943
WILSON KENNETH HUNTER 1509 SHERBROOKE ST APT 76 MONTREAL QUE	B C L 3
WILSON LESLIE 1436 ST MATTHEW ST APT 103 MTL QUE	MD C 2
WILSON LESLIE ST J 3575 PEEL ST APT 2 MONTREAL QUE BROWNS TOWN ST ANN JAMAICA B W I	B ENG MI 3
WILSON NANCY ANN ROYAL VICTORIA COLLEGE 56 MCKINLEY AVE KENMORE 17 N Y U S A	B A 4
WILSON NANCY CAROL ROYAL VICTORIA COLLEGE 310 CLEHOW AVE OTTAWA ONT	B A 3
WILSON OCTAVIA 538 PRINCE ARTHUR W MONTREAL QUE 401 NORTH BAILEY FORT WORTH TEX U S A	MUS B 3 PL 6039
WILSON PATRICIA M 3509 HUTCHISON ST MONTREAL QUE	B SC 4 BE 8483
WILSON PETER M WILSON HALL 16 LANCASTER COURT 100 LANCASTER GATE LON W 2	B A 2
WILSON RALPH G W 29 QUEEN S ROAD VALOIS QUE	B ENG MC 3

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WILSON ROBERT G 17 3310 TROIE AVE MONTREAL QUE	MD 34 3 AT 5907
WILSON ROBERT W 5689 ST URBAIN ST MONTREAL QUE 282 LAKESHORE AVE CENTRE TORONTO ONT	B SC 4 CR 1336
WILSON ROBERT WRIGHT 26 FINCHLEY RD MONTREAL 29 QUE	B COM 4 EL 2776
WILSON ROLLA E 3667 LORNE CRESCENT MTL RED BANK NORTHUMBERLAND CO N B	MD CM 1 HA 3719
WILSON SALLY JANE 20 MAPLE AVE STE ANNE DE BELLEVUE QUE 3548 ONTARIO AVE MONTREAL QUE	PARTIAL
WILSON WILLIAM EVERTON WILSON HALL 184 BREEZEHILL AVE OTTAWA ONTARIO	MD CM 1
WILSON WILLIAM MAXWELL 356 OLIVIER AVE WESTMOUNT QUE BOX 574 SPRINGHILL N S	B ENG MI 3 FI 4971
WINDELER MARJORIE D ROYAL VICTORIA COLLEGE GRAND FALLS NEWFOUNDLAND	B COM 4
WINE KAYLA L MCLENNAN HALL 123 SASK CRESCENT W SASKATOON SASK	B S W 1
WINFIELD WILLIAM GEORGE 3551 DUROCHER STREET MONTREAL QUE BOX 411 DIGBY N S	B SC P E 2
WING DOROTHY ANNE M 132 MACAULEY AVE ST LAMBERT QUE	B A 1
WING SISTER MAUREEN 3830 LACOMBE AVE MONTREAL QUE	PARTIAL AT 4711
WINSBORROW SHIRLEY JOAN 4321 EARNSCLIFFE AVE MONTREAL QUE	H SCH DI 5 DE 7745
WINSLOW EDWARD PAUL 3637 UNIVERSITY ST MONTREAL QUE	B COM 2 MA 1736
WINSTAN ROSE 3903 ST URBAIN ST MONTREAL QUE	B A 4 LA 6370
WINSTON MILTON 250 LANSDOWNE AVE WESTMOUNT QUE	B A 3 WE 3771
WINTER MAUREEN A ROYAL VICTORIA COLLEGE BELVEDERE HOUSE BASSETERRE ST KITTS BWI	B SC 2
WINTERS MARGOT M MACDONALD COLLEGE AYLMER ROAD AYLMER EAST QUE	B SC H E 3
WINTHROP SELMA C 4372 GIROUARD AVE MONTREAL QUE	B S W 1 EL 2992
WIPPER AUDREY JOYCE ROYAL VICTORIA COLLEGE MONTREAL 371 QUEENSTON RD ST CATHARINES ONT	B SC P E 2
WIRTH JEANNETTE MARIE ROYAL VICTORIA COLLEGE 74 WEST FRONT ST RED BANK NEW JERSEY U S	L MUS 1
WISEMAN JESSE R 2125 DECARIE BLVD0 N D G MONTREAL 28 QUE	B ENG EL 3 DE 1225
WISEMAN SYLVIA 3295 RIDGEWOOD APT 18 MONTREAL QUE	PH D 2 EX 4826
WISSE LEONARD H 5650 COTE ST LUC RD MONTREAL QUE	B A 2 WA 1045
WISWALL DOROTHY M 1431 MACKAY ST APT 11 WILMUT N S	B N 2 PL 6986
WITHERS HELEN YVONNE MAIL ADDRESS R F D NO 1 ATTLEBORO MASS U S A	GR N CER 1
WITTER JOAN PATRICIA 4342 OXFORD AVE MONTREAL QUE	B A 4 EL 5985
WITTY RALPH P D 373 PRINCE ARTHUR W MONTREAL QUE 180 DUFFERIN RD OTTAWA ONT	PH D 2
WIXON THOMAS ELLWOOD 8518 BERRI ST MTL 654 DUNDAS ST EAST WOODSTOCK ONTARIO	B ENG EL 4 DU 6455
WNEK THADEUS ANDREW 1802 MULLINS ST MONTREAL 22 QUE	B ENG MI 2
WOFFENDEN DAVID L 12 23RD AVENUE ST EUSTACHE SUR LE LAC Q	B A 3
WOJTIUK KATHERINE 4262 WESTHILL AVE N D G MONTREAL QUE	B SC 3 WA 9194
WOLFF ESTHER IRENE 442 ARGYLE AVE WESTMOUNT QUE	B A 1 WE 5074
WOLFE PHYLLIS ADELE 4580 MILLER AVE MONTREAL QUE	B SC 2 AT 8477
WOLFE ROSLYN 3779 VENDOME AVE N D G MONTREAL QUE	B A 4 DE 9293
WOLFF ELINOR B MACDONALD COLLEGE 6720 SHERBROOKE ST W MONTREAL 28 QUE	B SC H E 4
WOLFGANG MARY J PETERSON RESID 1013 KING RD ASHLAND OHIO U S A	M A 1
WOLFKILL EMILY M Y MACDONALD COLLEGE 423 ROSLYN AVE WESTMOUNT QUE	B SC H E 2
WOLFZAHN HERBERT 666 GEORGE 5TH AVE LACHINE QUE	B A 3
WOLINSKY SAM 159 ST VIATEUR ST W MONTREAL QUE	B SC 4 CR 8932
WOLLOWICZ GABRIELLE 1497 DORCHESTER ST W MONTREAL QUE DODDINGTON PARK W NORWICH ENGLAND	B SC 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WOLOFSKY JACOB PETER DAWSON COLLEGE QUE 4163 ESPLANADE AVE MONTREAL 18 QUE	B ENG 1 BE 3859
WOLTHAUSEN FRED 4348 COOLBROOK AVE N D G MONTREAL QUE	B COM 3 DE 3273
WONFOR HERBERT W 160 HALLOWELL AVE WESTMOUNT QUE	B D 1 FI 3030
WONG JOHN H K 200 ATWATER AVE MONTREAL QUE	B SC 1
WONG LLOYD GEORGE OSWAL 3630 DUROCHER ST APT 1 183 MURRAY ST GEORGETOWN BRITISH GUIAN	B ENG CI 3 BE 4373
WONG MARILYN ANN ROYAL VICTORIA COLLEGE 94 SADDLE ROAD NARAVAL TRINIDAD B W I	B A 1
WOOD DAVID HARRY 637 ROSLYN AVE WESTMOUNT QUE	B A 4 EL 6295
WOOD DIANA GLADYS' ROYAL VICTORIA COLLEGE 42 SUNSET BLVD OTTAWA ONT	PHYSIOTH 2
WOOD GORDON KENDALL 3436 DUROCHER ST APT 12 MONTREAL QUE 513 SANTA FE AVE ALBANY 6 CALIF U S A	MD C 1 MA 8264
WOOD JOHN SIDNEY 6232 HAMILTON ST VILLE EMARD QUE	B COM 4 TR 2673
WOOD LORING WAYLAND 2531 MAPLEWOOD AVE MTL 31 CLEARVIEW AVE WORCESTER MASS U S A	MD CM 3
WOOD WILLIAM S 3485 MCTAVISH ST MTL 2893 POINT GREY ROAD VANCOUVER B C	MD C 3 BE 0424
WOODFORD VERNON R T 554 MILTON ST APT 2 MONTREAL QUE BOX 227 CLEMMONS N C U S A	PH D 3 PL 5981
WOODHEAD EILEEN I 3375 RIDGEWOOD AVE APT 2 MONTREAL 26 QUE	B F A 3
WOODHOUSE DOUGLAS F C 5303 SHERBROOKE ST W MONTREAL 28 QUE	B S W 1 DE 6987
WOODHOUSE GORDON H 4414 KING EDWARD AVE MONTREAL QUE ARNPRIOR ONT	M ENG 1 DE 0268
WOODLEY JANET ELIZ 3561 PEEL ST APT 23 MONTREAL QUE KNOWLTON QUE	B A 4 MA 0674
WOODHOUSE ROBERT T 4414 KING EDWARD AVE MONTREAL QUE 16 OTTAWA ST ARNPRIOR ONT	B ENG MI 2
WOODS HELEN M MACDONALD COLLEGE 549 LANSDOWNE AVE WESTMOUNT QUE	M A 2 WA 4791
WOODS JAMES L MAC DONALD COLLEGE LASCELLES QUE	B SC AGR 2
WOODWARD CLARENCE P 5520 VICTORIA AVE APT H MONTREAL QUE	B ENG MC 4
WOODWARD DONALD BURTON 7 ELLERDALE RD HAMPSTEAD QUE	B COM 1 DE 3832
WOODWORTH WARREN P 4458 GROSVENOR AVE N D G MONTREAL QUE	B COM 2 EL 7131
WOOFF GEORGE F B ST MARTIN C OF LAVAL	B ENG EL 4
WOOLSEY ALBERT HARLAN 494 ELM AVE MTL PENZANCE SASK	4 D S 4 FI 7165
WOOLVERTON RALPH SOLON CENTRAL Y M C A MONTREAL QUE 455 DUFFERIN AVE LONDON ONT	M SC 1
WORBY EARLE W PETERSON RESIDENCE	M A 1
WORD MARY ANN MCLENNAN HALL 300 W MAIN ST CHRISTIANSBURG VIRGINIA	GRAD QUA 1
WORDEN ROBERT T 475 LANSDOWNE AVE0 WESTMOUNT QUE	B ENG MC 4 EL 2132
WORKMAN DAVID LEE 5 RENFREW AVE WESTMOUNT QUE	B A 1 WA 6038
WORRALL ROBERT GORDON 516 OAK AVE ST LAMBERT QUE	B COM 4
WOYTIUK LEO VICTOR DAWSON COLLEGE 4262 WEST HILL AVE MONTREAL 28 QUE	B ENG CI 1
WREN WILLIAM JUSTIN C O AMERICAN CONSULATE G MONTREAL QUE	B COM 3
WRIGGLESWORTH JOHN C 4324 SHERBROOKE ST W MONTREAL QUE	B A 3 FI 8656
WRIGHT ALEXANDER M 3851 UNIVERSITY ST MTL 1349 CONNAUGHT ST VANCOUVER B C	MD C 4
WRIGHT DAVID T PETERSON RESIDENCES 2 ROSEMARY LANE SANTA BARBARA CLAIF	MD C 3
WRIGHT DOROTHY M MACDONALD COLLEGE 16 CAMBRAI AVE OUTREMONT QUE	B SC H E 4
WRIGHT EVELYN M MACDONALD COLLEGE 214 COTE ST ANTOINE ROAD MONTREAL QUE	B SC H E 3
WRIGHT FRANCES B 669 LEDUC ST VILLE ST LAURENT QUE	B A 2 BY 4094
WRIGHT GEORGE D MACDONALD COLLEGE LOWER MONTAGUE P E I	B SC AGR 2
WRIGHT GERALD HOWARD 148 COTE ST ANTOINE RD WESTMOUNT QUE	B COM 3
WRIGHT JOAN ANN MAC DONALD COLLEGE 477 VICTORIA AVE WESTMOUNT QUE	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WRIGHT JOHN GORDON DAWSON COLLEGE0 6170 BANNANTYNE AVE VERDUN QUE	B SC 2 TR 4353
WRIGHT JOHN MERTON 1225 BERNARD ST APT 11 MONTREAL QUE	B A 1 TA 3383
WRIGHT MARGARET LILLIAN 5150 DECARIE BLVD APT 5 MONTREAL QUE	PHYSIOTH 2 EL 4177
WRIGHT PHILIP A MAC DONALD COLLEGE LENNOXVILLE QUE	B SC AGR 4
WRIGHT RICHARD H DAWSON COLLEGE 5150 DECARIE BLVD N D G MONTREAL QUE	U ENG 1
WRIGHT SARAH CATHERINE 3100 TRAFALGAR AVE MONTREAL QUE	B A 2 WE 6933
WRIGHT WILLIAM J 5003 GROSVENOR AVE MONTREAL QUE 490 LONDON ROAD SARNIA ONT	B SC 2 AT 7588
WURTELE DAPHNE JANE M ROYAL VICTORIA COLLEGE 116 HOWICK STREET ROCKCLIFFE OTTAWA ONT	PHYSIOTH 2
WYATT HOWARD H 3437 PEEL ST MONTREAL QUE HEART S CONTENT NEWFOUNDLAND	B ENG LL 4 PL 1674
WYATT MALCOLM CAMPBELL 401 ST CATHERINE RD0 OUTREMONT QUE 32 FIFTH ST E CORNWALL ONT	B ENG CH 3 CA 5061
WYER RONALD JOHN 695 VICTORIA AVE WESTMOUNT QUE	B COM 3 DE 1634
WYMAN ANNE CABOT ROYAL VICTORIA COLLEGE 197 COOLIDGE HILL CAMBRIDGE MASS U S A	B A 2
WYNN HEREWARD ARTHUR DOUGLAS HALL THE MOORINGS ST BERNARDS OLTON BIRMINGHAM ENGLAND	B COM 3
WYNNE JAMES GIBSON 2283 BELGRAVE AVE MONTREAL 28 QUE	B ENG EL 3 WA 3635
WYSE DEREK MALCOLM MONTREAL GENERAL HOSP 28 COCLRANE CLOSE LONDON N W 8 ENGLAND	MED DIPL 1

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YAKUSHVICH ALICE APT 12 768 SHERBROOKE ST MONTREAL QUE SHERIDON MANITOBA	MD C 4
YALOVSKY HAROLD 5467 HUTCHISON ST MONTREAL QUE	B SC 3 CR 0676
YAMASHITA BRUCE H DAWSON COLLEGE 629 PRINCE ARTHUR ST W MONTREAL QUE	B ENG MC 2
YAMASHITA DAVID KIYOSH 629 PRINCE ARTHUR W MONTREAL 18 QUE	B COM 1 MA 0739
YANO GEORGE EICHI 4910 SHERBROOKE ST W MONTREAL QUE 64 DUFFERIN AVE BRANTFORD ONT	B ENG CH 3
YANOFSKY ARTHUR ALEX 1582 LAJOIE AVE OUTREMONT QUE	B A 4 TA 6781
YANOFSKY HYMAN 4965 DECARIE BLVD APT 2 MONTREAL QUE	B ENG EL 4 WA 1520
YAPP PETER R DAWSON COLLEGE QUE 243 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	U ENG 1
YASIN SIMON 286 ST JOSEPH BLVD W MONTREAL QUE	B A 3 CR 3557
YATES CLAIRE H 1445 BISHOP ST APT 9 MONTREAL 25 QUE	PH D 2 PL 3493
YATES HAVELOCK H 39 STAYMORE AVE WESTMOUNT QUE	PH D 2 WI 0964
YEE HUGHIE LUM DAWSON COLLEGE 1050 ST LAURENT BLVD MONTREAL QUE	U ENG 1
YELLIN ALEC 5723 TRANS ISLAND MONTREAL QUE	B A 2 AT 0370
YERGEAU J JEAN GILLES 2159 VALOIS ST MONTREAL QUE	B COM 1 CL 7494
YOUD PATRICIA MACDONALD COLLEGE 2 ELLERDALE ROAD HAMPSTEAD QUE	B SC H E 4
YOUNG ALLAN H 4660 GRAND BLVD N D G MONTREAL QUE	B COM 2 WA 3037
YOUNG ARCHIBALD D DOUGLAS HALL 4555 W 9TH AVE VANCOUVER B C	MD C 3
YOUNG CONSTANCE MARY 4611 HARVARD AVE N D G MONTREAL QUE	B A 1 EL 1998
YOUNG EDWIN JOHN 5288 NINTH AVE ROSEMOUNT MONTREAL QUE	B ENG EL 4 CH 1318
YOUNG GORDON RAYMOND 3609 UNIVERSITY ST MTL 1906 TENTH AVE NEW WESTMINSTER B C	D D S 3 LA 6307
YOUNG HERBERT G 3647 UNIVERSITY ST MONTREAL QUE PENTICTON B C	B ENG MI 4 MA 2806
YOUNG JANICE M 38 FORDEN CRESCENT WESTMOUNT QUE	A & S CO 1 DE 0575
YOUNG JOAN RUTH 36 SHORNCLIFFE AVE WESTMOUNT QUE	PARTIAL

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NAME ADDRESS	COURSE & YEAR TEL. NO.
YOUNG JOHN CHARLES G 578 LANSDOWNE AVE MTL PETER BENT BRIGHAM HOSP BOSTON MASS	MED DIPL 4
YOUNG JUDY BARBARA 38 FORDEN CRESCENT CHELSEA LONDON ENGLAND WESTMOUNT QUE	B SC 1 DE 0575
YOUNG MARY M 4925 MAPLEWOOD AVE MONTREAL QUE FORFAR ONT	B S W 1 EX 4861
YOUNG ORCHID E MACDONALD COLLEGE 16 MAPLE LANE OTTAWA ONT	PARTIAL
YOUNG RALPH 1309 BERNARD AVE APT 3 OUTREMONT QUE OUTREMONT QUE	B A 2 DO 5610
YOUNG ROBERT BROCK H DOUGLAS HALL VICTORIA B C	B A 2
YOUNG WILLIAM L 5126 HUTCHINSON ST MTL MONTREAL QUE 172 HENRY STREET HALIFAX N S	B SC 4 CA 0475
YUHASZ MICHAEL 3722 LAVAL AVE MONTREAL QUE	B SC 1 HA 4618
YUILE LOIS ANNE 298 ST CHARLES RD STE GENEVIEVE QUE	PARTIAL
YUILL VERA ANNE MACDONALD COLLEGE 24 CONDOVER ROAD POINTE CLAIRE QUE	B SC H E 3
YURECHEK GERALD W 7577 QUERBES AVE MONTREAL 15 QUE	B A 1 VI 8163

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ZABORSKI JERZY 4384 SHERBROOKE ST W WESTMOUNT QUE	PARTIAL FI 3698
ZACHARIN DAVID 4580 ST URBAIN ST MONTREAL QUE	D D S 1 HA 7835
ZAHALSKY ARTHUR DAWSON COLLEGE 1661 SAINT JOHNS PLACE BROOKLYN N Y U S A	B SC 2
ZAKAIB GORDON HARRY 7687 ST DENIS ST APT 9 MONTREAL 7 GILLESPIE ST SHERBROOKE QUE	B C L 1 VI 4608
ZAMES GEORGE DAWSON COLLEGE QUE 3000 MAPLEWOOD AVE OUTREMONT QUE	B ENG 1
ZARITSKY KATHLEEN 1311 MT ROYAL BLVD OUTREMONT QUE	B A 3 CR 2725
ZEHNWIRT CHARLES 4319 HARVARD AVE MONTREAL QUE P O BOX 640 PRESCOTT ONT	B ENG MC 4
ZEMEL REUBEN 430 OUTREMONT AVE OUTREMONT QUE	B SC 3 CA 7588
ZEPHIRIN PATRICIA M MACDONALD COLLEGE SAVOY BAY STREET BARBADOS B W I	B SC H E 1
ZIEGLER PETER 3481 PARK AVE APT 6 MONTREAL QUE	PH D 2 BE 4798
ZIEMANN ANNA M 1968 ST LUKE ST MONTREAL QUE 670 OLD WESTON ROAD TORONTO ONT	B S W 1 WI 6266
ZELTZER SYLVIA 4000 COTE ST CATH RD SNOWDON MTL QUE	B SC 2
ZIEHIKE MARION ELIZABETH 357 PRINCE ALBERT AVE WESTMOUNT QUE 2256 RETATTACK STREET REGINA SASK	B S S 1 EL 0717
ZIGBY GEORGE 1242 BISHOP ST MONTREAL QUE 315 ST JEAN ST GRANBY QUE	B COM 2 LA 7990
ZIGBY JEAN PAUL 1242 BISHOP ST MONTREAL QUE 315 ST JEAN ST GRANBY QUE	B COM 2 LA 7990
ZIMMER MARGARET E 352 ELM AVE APT 3 WESTMOUNT QUE	B SC 1 WE 9643
ZIMMERMAN HARRY 3650 LORNE CRESCENT ST A MONTREAL QUE	PARTIAL HA 9946
ZIMRING RUTH MACDONALD COLLEGE 4525 HARVARD AVE N D G MONTREAL 28 QUE	B SC AGR 3
ZINMAN ALLAN HAROLD 514 BLOOMFIELD AVE OUTREMONT QUE	B SC 3 CR 9682
ZORBACH WILLIAM W 5735 TERREBONNE MONTREAL QUE 849 WALLACE BOWLING GREEN OHIO U S A	PH D 2 EL 1235
ZOUMBOULIDOU EVANTHIA M ROYAL VICTORIA COLLEGE MONTREAL QUE 1 KORPODISTRION STR FILOTHEI ATHENS GREECE	B ARCH 4
ZUBER PETER M 3555 ATWATER AVE MONTREAL 25 QUE	B A 1 WE 7260
ZUCKERMAN CARMEN 575 WISEMAN AVE OUTREMONT QUE	B SC 1 DO 8895

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.	NAME ADDRESS	COURSE & YEAR TEL. NO.
ZUCKERMAN REBECCA RICKI 5493 ST URBAIN ST MONTREAL	PHYSIOTH 2 TA 5688	ZYSKIND GEORGE DAWSON COLLEGE 4596 MICHEL BIBAUD MONTREAL QUE	B SC 1
ZULON THOMAS A DAWSON COLLEGE 150 WEBSTER AVE CAMBRIDGE MASS U S A	B SC 1	ZWEIG JOSEPH P 4156 DE BULLION ST MONTREAL QUE	GRAD QUA 1 BE 1243

SUPPLEMENT

★ Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ACRES LORNE MACDONALD COLLEGE 340 BEATTY AVE VERDUN QUE	AGR DIP 2
APRIL CLAUDE MACDONALD COLLEGE L ASSOMPTION QUE	PARTIAL
ASSIL ROBERT WILLIAM MACDONALD COLLEGE MOUNT LOYAL RAWDON QUEBEC	AGR DIP 1
ASHMEAD BRIAN JOHN MACDONALD COLLEGE R R 2 PICTON ONT	AGR DIP 2
BALDWIN LILLIAN ELSIE S 363 LAKESHORE RD MONTREAL QUE STE ANNE DE BELLEVUE	HOMEMAKE 1
BALL MICHAEL JOHN MACDONALD COLLEGE 7 HARTINGTON PARK REDLAND BRISTOL 6 ENG	AGR DIP 2
BANNISTER COLIN ADRIAN MACDONALD COLLEGE 118 GEORGE ST GEORGETOWN BR GUIANA	AGR DIP 1
BARTON WALTER BRUCE ROYAL VICTORIA HOSPITAL CHIPPAWA ONTARIO	MED DIPL 2
BELL ANDREA BRIGIT N 1533 MCGREGOR ST MONTREAL QUE	M A 1 WI 8305
BENARON TULLY 38 BEACON ST BOSTON MASS U S A 591 MORTON ST BOSTON MASS U S A	MED DIPL 4
BERRYHILL FLORENCE M MACDONALD COLLEGE 240 LIPTON ST WINNIPEG MANITOBA	PARTIAL
BIGNELL RICHARD M MACDONALD COLLEGE KINGSLEY DENE ROSLIN RD BOURNEMOUTH HANTS ENG	AGR DIP 2
BLOOM MARTIN S SCHEVCHZERSTR 25 ZURICH 6 SWITZERLAND 4300 MARINE DRIVE CHICAGO 13 ILLINOIS	M SC 2
BRADLEY GEORGE ARTHUR MACDONALD COLLEGE INDIAN HEAD SASK	PH D 3
BRAY JOSEPH JAMES 1441 DRUMMOND ST MTL 1646 GARNET STREET REGINA SASK	B A 2
BROWN JAMES MILLET 166 BAY STATE RD BOSTON MASS U S A 3568 UNIVERSITY STREET MONTREAL QUE	MED DIPL 3
BUCHANAN DONALD ROY MACDONALD COLLEGE QUE WEIRDALE SASKATCHEWAN	M A 1
BUCKINGHAM WILLIS J MACDONALD COLLEGE QUE RUSSELL ONTARIO	AGR DIP 1
BURGESS RALPH C MACDONALD COLLEGE 379 BEATTY AVE VERDUN QUE	M SC 1
CAMPBELL JOSEPH DEMPSEY MACDONALD COLLEGE 227 5TH AVE N SASKATOON SASK	M SC 2
CANN KEITH EDGAR 12 MONTEE STE MARIE ST STE ANNE DE BELLEVUE	M SC 1
CARR JOSEPH WILLIAM MACDONALD COLLEGE 24 PRINCE STREET HUNTINGDON QUE	M SC 1
CARROLL WILLIAM J 37 MONTEE STE MARIE ST STE ANNE DE BELLEVUE N F L D BONAVISTA	M SC 1
CARSON ROSS HENRY MACDONALD COLLEGE LISGAR QUEBEC	AGR DIP 2
CHASE FRANCIS EDWARD MACDONALD COLLEGE DEPT OF BACTERIOLOGY O A C GUELPH ONT	PH D 3
CHAVE RICHARD MACDONALD COLLEGE 212 UPPER WOODLANDS WOODLAND QUEBEC	AGR DIP 1
CLARK BARBARA E MACDONALD COLLEGE THE OAKS CARPASION RD ST JOHN S NEWFOUNDLAND	M SC 1
COHEN HARRY MACDONALD COLLEGE 6074 WILDERTON CRESCENT MONTREAL QUE	PH D 1
COLDWELL BLAKE B MACDONALD COLLEGE PORT WILLIAMS NOVA SCOTIA	PH D 3
COLES HERBERT F MACDONALD COLLEGE RICHMOND QUE	AGR DIP 1
COOMBS DONALD B GEOGRAPHY DEPT 279 SECOND AVE OTTAWA ONTARIO	M A 2
COUSENS ARTHUR ROBERT D MACDONALD COLLEGE SWEETSBURG QUE	AGR DIP 2
COUTU CLEO JOSEPHINE MACDONALD COLLEGE STE ANNE DE BELLVUE TEMISKAMING QUE	M SC 1
DALLENBACH RUDOLF MACDONALD COLLEGE WENDYBROOK SWEETSBURG QUE	AGR DIP 2
DE LONG OTTIS LORRAINE MACDONALD COLLEGE BAISS CORNER LUN CO NOVA SCOTIA	AGR DIP 1
DOYLE JAMES JOHN MACDONALD COLLEGE N E MABOU INVERNESS COUNTY N S	M SC 1
DU BOULAY ARTHUR JOSEPH MACDONALD COLLEGE RIDGEWAY CASTRIES ST LUCIA B W I	AGR DIP 2
DUNCAN GERALD ERSKINE MACDONALD COLLEGE ORMSTOWN QUE	AGR DIP 1
EAGLE WILFRED JAMES MACDONALD COLLEGE 3480 PATRICIA AVE N D G MONTREAL QUE	AGR DIP 1
FILER BRENDA 5380 ST URBAIN ST MTL 208 AVE G SO SASKATOON SASK	M S W 2 VI 8753

SUPPLEMENT

Where two addresses are given, the second is the home address.



NAME ADDRESS	COURSE & YEAR TEL. NO.
FISHER ROBERT W MACDONALD COLLEGE 9 MONTEE ST MARIE ST STE ANNE DE BELLEVUE	PH D 2
FISKELL JOHN GARTH A MACDONALD COLLEGE STE ANNE DE BELLEVUE	PH D 3
FULLER LANGDON VICTOR APT A 4 MACDONALD COLLEGE	M A 1
GALLAMORE WILLIAM A 29 PERREAUTT ST STE ANNE DE BELLVUE 406 M PLEASENT AMHERST MASS U S A	M SC 1
GALLOF CHRISTOPHER HUGH MACDONALD COLLEGE 709 NELSON HOUSE LONDON SW 1 ENGLAND	AGR DIP 1
GARDINER LORNE MARVIN MACDONALD COLLEGE 291 SECOND AVE OTTAWA ONT	GRAD QUA 1
GELLATLY KEITH LEONARD MACDONALD COLLEGE LANDOR WYCH HILL LANE WOKING SURREY ENGLAND	AGR DIP 2
GLOCKLIN VERA CHARLOTTE MACDONALD COLLEGE 503 7TH AVE EAST OWEN SOUND ONTARIO	M SC 2
GLYNN CREIGHTON 4827 WESTMORE AVE MONTREAL QUE	B ENG MC 3 DE 1569
GRAY JOSEPH TAYLOR MACDONALD COLLEGE 189 DUFFERIN RD HAMPSTEAD QUE	AGR DIP 1
GRIMSON CAROL LOUISE 4043 MARLOWE AVE N D G MONTREAL QUE	B SC 1 DE 5605
HAMILTON JOHN WILLIAM MACDONALD COLLEGE R R 1 STE THERESE QUEBEC	AGR DIP 2
HARDING CHARLES F BOX 51 MACDONALD COLLEGE	M SC 1
HASKELL STANLEY R MACDONALD COLLEGE RYDAL PIN HILL BARBADOS B W I	M SC 2
HAYES IRWIN JAMES MACDONALD COLLEGE SHAWVILLE QUE	AGR DIP 1
HAYHURST FRANCE TIMOTHY MACDONALD COLLEGE BRADFORD LAND MANESFIELD UCKFIELD SUSSEX ENG	AGR DIP 1
HAYWOOD CHARLES MICHAEL MACDONALD COLLEGE 24 THE GARDENS WATFORD HERTS ENGLAND	AGR DIP 2
HELLER ANITA MARION F BOX 151 MACDONALD COLLEGE	PH D 3
HENDERSON GERALD G L PRINCETON N J U S A LISSELLAW CO FERMANAGH N IRELAND	M SC 2
HENDRICKSON KARL R 3550 SHUTER ST APT 3 MONTREAL QUE MANDEVILLE JAMAICA B W I	B SC 2 PL 0675
HENNESERRY GERALD OWEN MACDONALD COLLEGE 305 AGRICOLA ST HALIFAX N S	PH D 2
HENSTRIDGE JOHN RUSSELL MACDONALD COLLEGE 206 EDISON AVE ST LAMBERT QUE	AGR DIP 2
HOUSE DAVID MACDONALD COLLEGE BEHARM SASK CANADA	M SC 1
HOWES JAMES RAYMOND MACDONALD COLLEGE NORWICH ENGLAND	M SC 1
IRVING GEORGE C MACDONALD COLLEGE SYRACOSA FORMS ST ANICET QUE	AGR DIP 1
IRWIN MARY ISABEL MACDONALD COLLEGE QUE MEACHAM SASKATCHEWAN	M SC 1
JAMIESON JAMES SIDNEY ROYAL VICTORIA HOSPITAL 83 DUFFERIN STREET CAMPBELLTON N B	MED DIPL 2
JENKINS MARJORIE M MACDONALD COLLEGE CAYLEY ALBERTA	M SC 2
JOAKIMIDES KYROS MARIOS MACDONALD COLLEGE QUE KARAGEORGI SERVIDS 8 ATHENE GREECE	AGR DIP 2
JOHNSTON WILLIAM W MACDONALD COLLEGE QUE 1575 SUMMERHILL AVE APT 302 MONTREAL QUE	M SC 2
JOWSEY JAMES RALPH MACDONALD COLLEGE SALTCOATS SASK CANADA	PH D 1
JULIEN J BERNARD MACDONALD COLLEGE 109 J CARTIER ST DONNACONA PORT QUE	M SC 1
KALENDA JOSEF 3850 COTE ST CATH RD MONTREAL QUE	B ARCH 5 AT 0367
KEEFE THOMAS JOSEPH BOX 128 MACDONALD COLLEGE	M SC 1
KISHENRAO BAPOJE MACDONALD COLLEGE 390 NARAYANGUDA HYDERABAD INDIA	PH D 1
KNOWLES CHARLES L MACDONALD COLLEGE 4066 GRAND BLVD N D G MONTREAL QUE	AGR DIP 1
LE LACHEUR ARTHUR G MACDONALD COLLEGE P O BOX 313 CHARLOTTETOWN P E I	M SC 1
LISHMAN MARTIN STUART MACDONALD COLLEGE 20 WATFORD RD KINGS LANGLEY HERTS ENG	AGR DIP 1
LISTER BRYCE COBURN MACDONALD COLLEGE HARVEY STATION YORK CO N B	AGR DIP 2

SUPPLEMENT

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
LISTER DEWITT TALMADGE MACDONALD COLLEGE HARVER STATION YORK CO N B	AGR DIP 2
LLOYD LEWIS EWAN MACDONALD COLLEGE 10 BARRON AVE LACHUTE QUE	M SC 2
LOCKE ROBERT HAROLD MACDONALD COLLEGE 5607 CLANRANALD AVE N D G MONTREAL QUE	AGR DIP 1
LOISELLE ROLAND MACDONALD COLLEGE 298 OSBORNE STREET VERDUN 19 QUE	M SC 1
LUTWICK LAURENCE E MACDONALD COLLEGE 704 BEACONSFIELD AVE WES ST JOHN N B	M SC 1
MCCORMACK ROY BALDWIN 535 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B ENG CI 3 AT 4486
MCCURDY EDGAR ARCHIBALD MACDONALD COLLEGE R R 1 LENNOXVILLE QUE	AGR DIP 1
MCDANIEL BERNARD M PETERSON RESIDENCES 25TH AVE LACHINE QUE	MD CM 3
MACDONALD IAN SINCLAIR MACDONALD COLLEGE QUE HOSLEMERE NORTH STREET NAZEING SUSSEX ENG	AGR DIP 2
MCDONALD JAMES WILLIAM 4469 WILSON AVE MONTREAL QUE	B A 1 EL 1027
MACGILLIVRAY MALCOLM C MACDONALD COLLEGE BOX 99 KNOWLTON QUE	AGR DIP 2
MACKINNON DOUGLAS B MACDONALD COLLEGE BAMSTON QUE	AGR DIP 2
MACLAREN ALEXANDER S PETERSON RES 40 RENFREW AVE OTTAWA ONT	M SC 2
MCPHAIL MARILYN C MACDONALD COLLEGE KEMPTVILLE ONT	B SC H E 1
MACPHEE ALBERT W MACDONALD COLLEGE BOX 551 KENTVILLE N S	PH D 3
MACTAVISH DAVID LACHLAN 74 CHESTERFIELD AVE WESTMOUNT QUE	B A 2 WA 1541
MAMO PLATO MACDONALD COLLEGE AGINORE CONSTANTINOV ATHENS GREECE	AGR DIP 1
MANHIRE DOUGLAS STANLEY MACDONALD COLLEGE 121 7TH AVE VILLE ST PIERRE MTL QUE	AGR DIP 2 EL 1650
MANSFIELD JOHN LEALAND MACDONALD COLLEGE WESTBORO OTTAWA ONT	AGR DIP 1
MARGAUNA JOSE AMPUDIA MACDONALD COLLEGE MAZATLAN 172 MEXICO CITY	AGR DIP 1
MARTINEZ FRANK JOSEPH MACDONALD COLLEGE 3 ST CLAIR AVENUE PT OF SPAIN TRINIDAD BWI	AGR DIP 1
MILLER DAVID MILROY 251 SUSSEX STREET OTTAWA ONT	PH D 3
MILLER ROBERT MELVIN 1227 BERNARD AVE MONTREAL QUE	PARTIAL DU 3108
MILLER WILLIAM ST CLAIR MACDONALD COLLEGE 154 FOX LANE PALMER GREEN LONDON N 13 ENGLAND	M SC 2
MOLL HARRY EDWARD MACDONALD COLLEGE 4101 CAVENDISH AVE N D G MONTREAL QUE	AGR DIP 1
MONKMAN PATRICK MACDONALD COLLEGE 4657 MELROSE AVE N D G MONTREAL QUE	AGR DIP 1
MOREL JACQUES MACDONALD COLLEGE PHOLEMPIN NORD FRANCE	AGR DIP 1
MORROW HAROLD FRANCIS PETERSON RESIDENCES GERALDTON ONT	PH D 4
MOUNTAIN JACK BALDWIN MACDONALD COLLEGE RIVERWAY BERRIES RD COOKHAM BERKS ENGLAND	AGR DIP 2
MURRAY THOMAS KEITH R R NO 2 PICTOU N S	M SC 2
NICKELS WALTER HEYWARD 1179 HOPE AVE APT 2 MONTREAL 25 QUE	M A 3 WE 8797
NNOCHIRI ENYINNAYA MACDONALD COLLEGE AMUHI ELJOMA UZUAKOLI NISERIA WEST AFRICA	M SC 1
OLIVER WILLIAM THOMAS 274 MAPLE STREET ST ANNE DE BELLEVUE	M SC 1
OLSEN ORVIL ALVA BOX 25 MACDONALD COLLEGE	PH D 2
PAQUIN ROGER JOSEPH A MACDONALD COLLEGE ST ANDRE KAMOURASKA QUE	M SC 1
PARENT BENOIT MACDONALD COLLEGE ST GEORGES WEST CO BEAUCE QUEBEC	M SC 1
PETERSON JOHN 9 BANSLEY AVE TORONTO ONT	B SC 4
PHENDLER ROY WILLIAM 332 WESTMINSTER AVE N MONTREAL WEST QUE	B SC 4 DE 1286
PILORGE FRITZ MACDONALD COLLEGE PORT OF PRINCE HAITI B W I	AGR DIP 2
PITTMAN BARRY ALBERT C MACDONALD COLLEGE 5358 SNOWDON AVE N D G MONTREAL QUE	AGR DIP 1
POPE MARGARET J MACDONALD COLLEGE RICHMOND QUE	TCH ELEM 1

SUPPLEMENT

Where two addresses are given, the second is the home address.

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NAME ADDRESS	COURSE & YEAR TEL. NO.
POPLOVE MYRON MACDONALD COLLEGE 735 QUERBES AVE OUTREMONT QUE	M SC 1 DO 0937
POVILAITIS BRONYS MACDONALD COLLEGE ST ANNE DE BELLEVUE	M SC 1
PREISING PERRY LEE MACDONALD COLLEGE ST EUSTACHE QUE	PARTIAL
PROVERBS IVOR HUGH MACDONALD COLLEGE FLINT HALL ST MICHAEL BARBADOS B W I	M SC 2
PROVERBS MAURICE D MACDONALD COLLEGE NAVY GARDENS CHRIST CH BARBADOS B W I	PH D 3
PUGSLEY WILLIAM HOWARD 1235 MCGILL COLLEGE AVE MONTREAL QUE 31 MACKAY STREET OTTAWA ONT	PH D 4 MA 2193
RALPH ARTHUR 3933 DROLET STREET MONTREAL QUE	PH D 4 HA 5698
RAO KRISHNA N S MACDONALD COLLEGE MYSORE SERUM INSTITUTE HEBBAL P O BANGALORE INDIA	PH D 2
RATHWELL OWEN LEONARD MACDONALD COLLEGE ARUNDEL QUE	AGR DIP 1
READ ALEXANDER B MACDONALD COLLEGE SUMMERSIDE R R 3 PRINCE EDWARD ISLAND	AGR DIP 2
REESAL MICHAEL R MACDONALD COLLEGE CARONI TRINIDAD B W I	M SC 2
RENNIE CLIFFORD ERNEST P O BOX 152 HUDSON QUE	AGR DIP 1
REYNOLDS JOHN ROGER MACDONALD COLLEGE THE NEW INN SHALFLEET N NEWPORT ISLE OF WIGHT ENGLAND	AGR DIP 1
RIVARD IRENEE MACDONALD COLLEGE SAINT SYLVERE NICOLET COUNTY QUE	M SC 1
ROBERTON JOHN JEFFREY 3128 WESTMOUNT BLVD MONTREAL 6 QUE	B COM 2 FI 8981
ROBERTSON ROBERT E MACDONALD COLLEGE 486 RUSHTON RD TORONTO ONT	M SC 2
ROCHESTER WILLIAM M MACDONALD COLLEGE 3025 SHERBROOKE ST W MONTREAL QUE	AGR DIP 2
ROWE JOSEPH FRANCIS D 3832 NEWMARCH STREET VERDUN QUE	M A 1 TR 9454
RUBENSTEIN MORTIMER R 4400 WESTERN AVE WESTMOUNT QUE	B A 1 WE 1408
RYAN RICHARD EDWARD MACDONALD COLLEGE 3258 WESTMOUNT BLVD MONTREAL QUE	AGR DIP 1
SCHALIN EDMOND BOX 117 MACDONALD COLLEGE	PH D 3
SHARRATT JOHN MICHAEL 4 FENWICK AVE MONTREAL 28 QUE	B A 2 DJ 8881
SHAW MILDRED ELIZABETH 26 STE ANNE STREET STE ANNE DE BELLEVUE SAULT STE MARIE ONTARIO	PARTIAL
SHIPLEY WILLIAM C MACDONALD COLLEGE 135 SPADINA AVE OTTAWA ONT	M A 1
SIBALIS JACK MACDONALD COLLEGE 5416 CLARK STREET MONTREAL QUE	M SC 1
SIDDALL MARGARET I 26 MAPLE STREET STE ANNE DE BELLEVUE 41 DUNDURN PL WINNIPEG MAN	M SC 1
SIDLER MILDRED 927 PRATT AVE OUTREMONT QUE	PARTIAL AT 0826
SINGER MIRJAM C O DR K GOTTLIEB 3494 HUTCHISON ST MTL PARDESS HANNA ISRAEL	B SC 1 HA 5581
SINGER PAUL 3484 HUTCHISON ST MTL CO DR NOSSBAUM PARDESS HANNATI ISAREL	B A 1 HA 5581
SKINNER HENRY EWEN MACDONALD COLLEGE 550 CURZON AVE ST LAMBERT QUE	AGR DIP 2
SLATER DOUGLAS TORY MACDONALD COLLEGE ROACHVALE N S	M SC 1
SMYTH WARD A 2305 ROSEMOUNT BLVD MONTREAL QUE	B ENG MC 4 TA 6878
SMELL MELVILLE NORMAN 3851 UNIVERSITY ST MTL 2856 FRANCIS AVE LOS ANGELES CALIF	MD CM 1
STEAD GEOFFREY RICHARD A 3 BOX 31 MACDONALD COLLEGE	M A 1
STEPPLER HOWARD ALVEY MACDONALD COLLEGE ST ANNE DE BELLEVUE	PH D 2
STEWART GEORGE A 3519 LORNE AVE MTL 19 JOFFRE ST SHAWINIGAN FALLS QUE	B SC P E 3
STEWART JOHN DONALD 570 MILTON ST APT 6 MTL 43 KENILWORTH AVE OTTAWA ONT	B SC 4 BE 5207
SUITOR ROBERT NELSON MACDONALD COLLEGE LENNOXVILLE QUE	AGR DIP 2
SUTHERLAND JOHN IRVING 31 RICHELIEU PLACE MONTREAL 25 QUE	MD CM 4 LA 6843

SUPPLEMENT

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
TALMA JEAN MACDONALD COLLEGE PLANTATION L B I E COAST DEMERARA B W I	AGR DIP 1
TANNENBAUM RUTH ADA S 5530 COTE ST LUC RD APT 21 MONTREAL QUE	M S W 2 EL 4096
THOMAS JAMES BOYD MACDONALD COLLEGE 3 LOMBARD STREET SMITHS FALLS ONTARIO	GRAD QUA 1
THOMSON HUGH M MACDONALD COLLEGE 417 WALPOLE AVE TOWN OF MOUNT ROYAL QUE	M SC 1 AT 3341
THORNTON GEORGE ALAN 17 LAMARCHE ST STE ANNE DE BELLEVUE 35 BALFOUR AVE TOWN OF MT ROYAL MTL	AGR DIP 2
VALENTINO FRANCISCO J MACDONALD COLLEGE PLAZABULNES F9 DEP 110 SANTINGO DE CHILE	AGR DIP 2
WARNICA MURRAY RONALD MACDONALD COLLEGE BARRIE R R 4 ONTARIO	AGR DIP 1
WICKHAM FRANCIS MARK MACDONALD COLLEGE QUE ST LAMBERT QUE	AGR DIP 2
WING ROBERT TAYLOR MACDONALD COLLEGE 132 MACAULEY AVE ST LAMBERT QUE	AGR DIP 1
WISEBLATT LAZARE 1423 ST MATTHEW STREET MONTREAL QUE	M SC 1 WE 9848
WOLFGANG ROBERT WILLIAM PETERSON RESIDENCES 1013 KING ROAD ASHLAND OHIO U S A	M SC 2
WOODS JAMES PARKE P O BOX 41 MACDONALD COLLEGE	M SC 2
WU LIANG YU MACDONALD COLLEGE 39 KING S ROAD HONGKONG CHINA	PH D 2
YAPHE WILFRED 32 TUNSTALL SENNEVILLE 370 EDWARD CHARLES ST MONTREAL QUE	M SC 1
YCAZA DIEGO JOSE DE 3575 DUROCHER ST APT 6 MONTREAL QUE PANAMA CITY REP DE PANAMA	B ENG 1 FL 2664
YOSHIDA CHARLES M 3557 DUROCHER ST MTL CHASE B C	B ENG CH 3 HA 7512
YOUNG DAVID CLAIRBORNE 1477 FORT ST MTL QUE WILTON N H	MD CM 2 WI 9553
SHING YUE TAI 3505 ST FAMILLE ST MONTREAL QUE 185 ROUTE PROSPER PARIS SHANGHAI CHINA	GRAD QUA 1 FL 4596
ZELAYA JAVIER MACDONALD COLLEGE EDIAURREN 109 SANTIAGO DE CHILE	PARTIAL

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